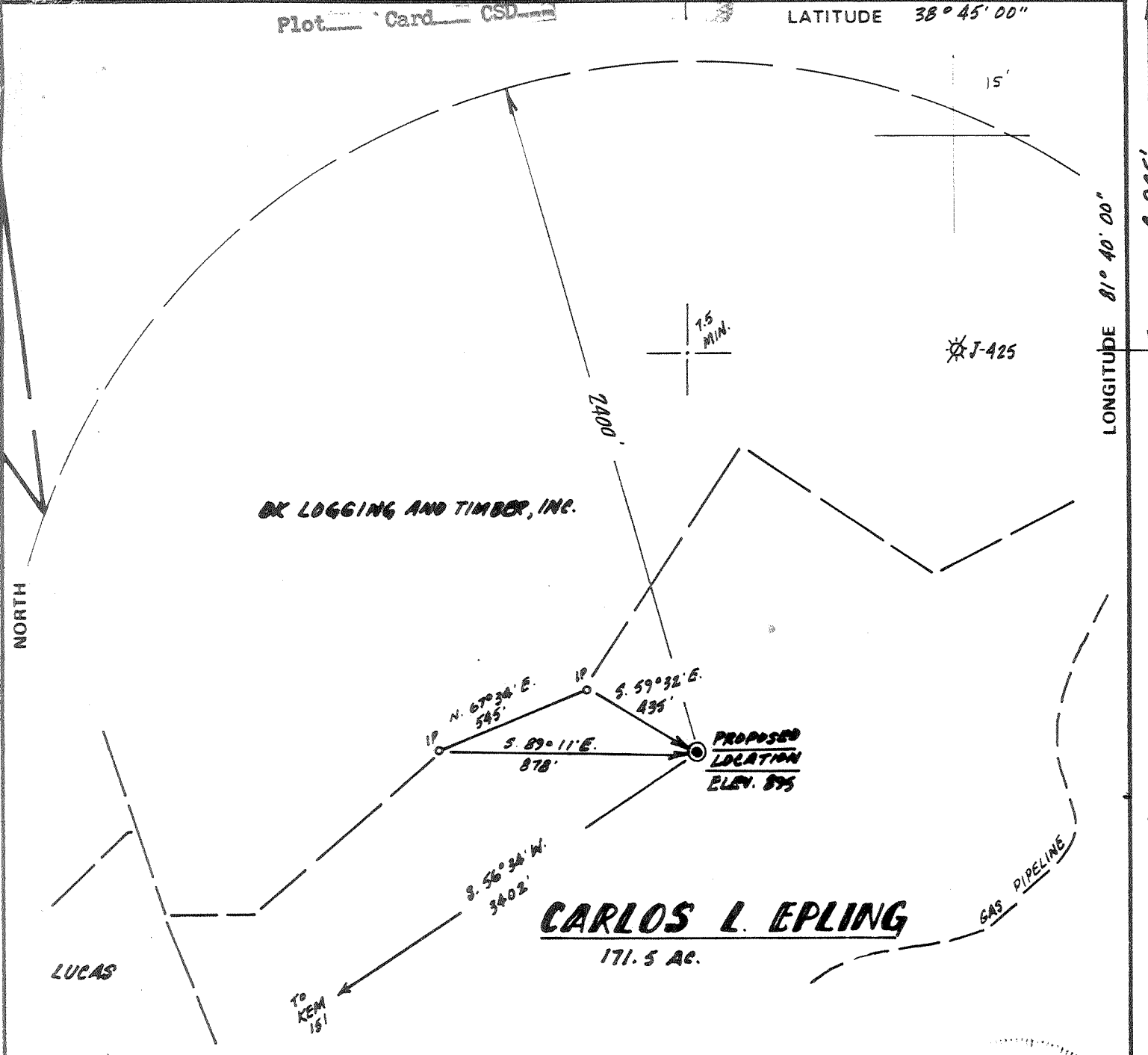


Plot Card CSD

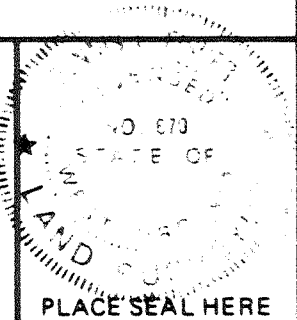
LATITUDE 38° 45' 00"

LONGITUDE 81° 40' 00"



FILE NO. _____
 DRAWING NO. REV 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HEADWALL ELEV. 710 RTE 21 AND GRASSLICK CREEK

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES
 (SIGNED) Dennis L. Fisher
 R.P.E. _____ L.L.S. 670



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEBRUARY 8, 19 82
 OPERATOR'S WELL NO. KEM 150
 API WELL NO. 47 - 035 - 1650-PP
 STATE COUNTY PERMIT

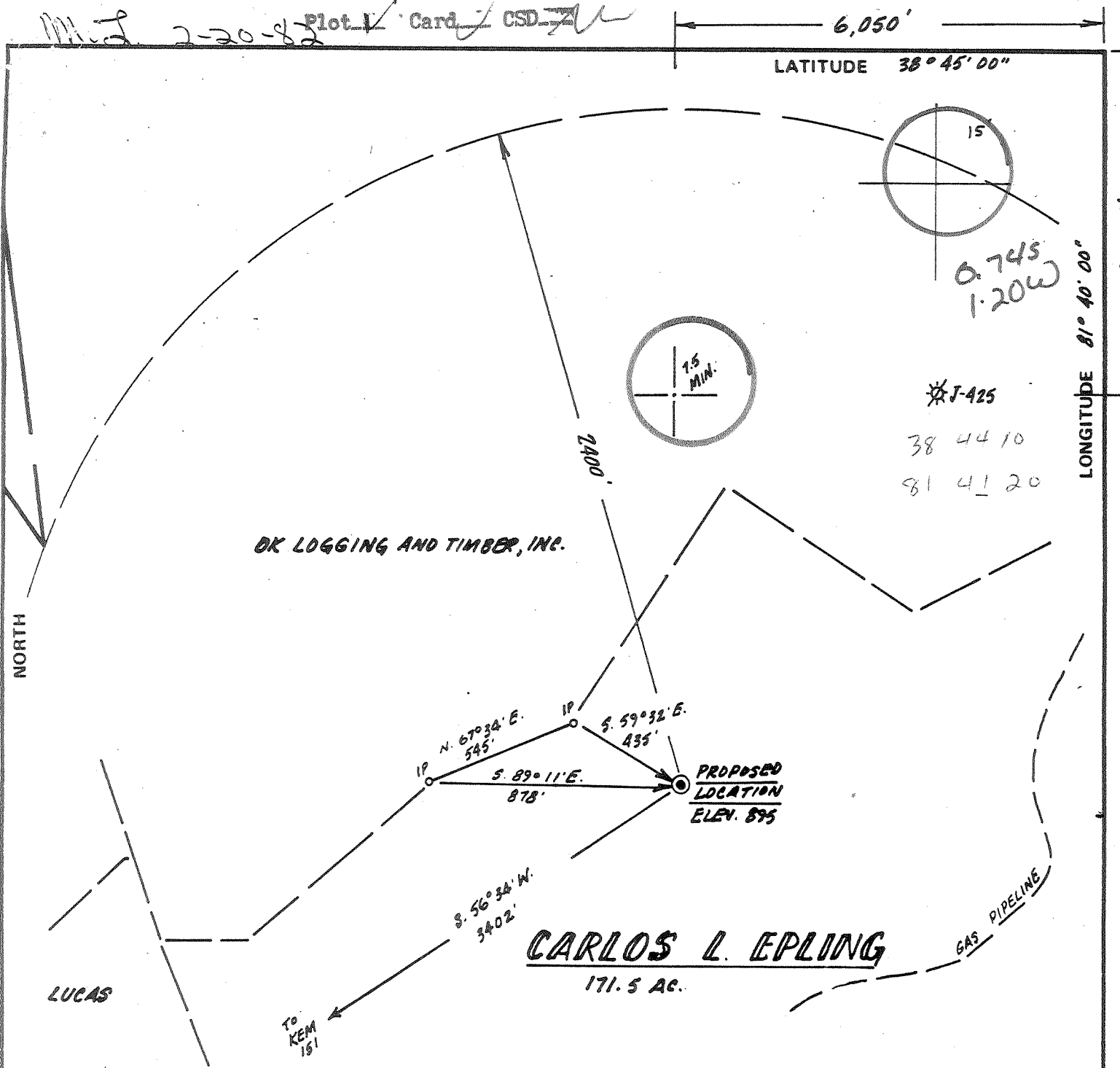
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 895 WATER SHED GRASSLICK CREEK
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE KENNA (7.5) KENNA (15)
 SURFACE OWNER CARLOS L. EPLING ACREAGE 171.5
 OIL & GAS ROYALTY OWNER CARLOS L. EPLING LEASE ACREAGE 184
 LEASE NO. _____
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION X PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DRISKANY ESTIMATED DEPTH 5275'
 WELL OPERATOR KAISER EXPLORATION & MINING DESIGNATED AGENT KAISER EXPLORATION & MINING COMPANY
 ADDRESS PO BOX 8, RAVENSWOOD, WEST VIRGINIA 26164 ADDRESS PO BOX 8, RAVENSWOOD, WEST VIRGINIA 26164

FEB 06 1984

DEEP



FILE NO. _____
 DRAWING NO. REV 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HEADWALL ELEV. 710 RTE 21 AND GRASSLICK CREEK

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Donnis L. Fisher
 R.P.E. _____ L.L.S. 670

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEBRUARY 8, 19 82
 OPERATOR'S WELL NO. KEM 150
 API WELL NO. 47 - 035 - 1650
 STATE COUNTY PERMIT

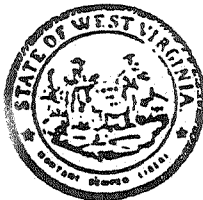
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 895 WATER SHED GRASSLICK CREEK
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE KENNA (1.5) KENNA (15) NW
 SURFACE OWNER CARLOS L. EPLING ACREAGE 171.5
 OIL & GAS ROYALTY OWNER CARLOS L. EPLING LEASE ACREAGE 184
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DRISKANY ESTIMATED DEPTH 5275'
 WELL OPERATOR KAISER EXPLORATION & MINING DESIGNATED AGENT KAISER EXPLORATION & MINING COMPANY
 ADDRESS PO BOX 8, RAVENSWOOD, WEST VIRGINIA 26164 ADDRESS PO BOX 8, RAVENSWOOD, WEST VIRGINIA 26164

MAR 9 1982

66 Elk-Poca (Sissonville) -> deep well (192)



Date June 21, 1982
 Operator's Well No. KEM 150
 Farm Carlos Epling
 API No. 47 - 035 - 1650

NOV 1 1982
 State of West Virginia
 Department of Mines
 Oil and Gas Division

OIL & GAS DIVISION
 DEPT. OF MINES

WELL OPERATOR'S REPORT
 OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
 (If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 895 Watershed Coleman Branch
 District: Ripley County Jackson Quadrangle Kenna

COMPANY Kaiser Exploration and Mining Company

ADDRESS P. O. Box 8, Ravenswood, WV 26164

DESIGNATED AGENT Same

ADDRESS

SURFACE OWNER Carlos L. Epling

ADDRESS Route 3, Box 164, Ripley, WV 25271

MINERAL RIGHTS OWNER Same

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Richard

Morris ADDRESS P. O. Box 372, Grantsville, WV

PERMIT ISSUED February 23, 1982

DRILLING COMMENCED April 30, 1982

DRILLING COMPLETED May 8, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	251	251	150 sx
9 5/8			
8 5/8			
7	2439	2439	165 sx
5 1/2			
4 1/2	5255	5255	170 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 5180 feet

Depth of completed well 5278 feet Rotary X / Cable Tools

Water strata depth: Fresh feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA *not producing Oriskany - plugged back to 3990*

Producing formation Oriskany Sandstone Pay zone depth 5166-5234 feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow Bbl/d

Final open flow 50 (est) Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 1000 psig (surface measurement) after hours shut in

(If applicable due to multiple completion--)

Second producing formation Devonian Brown Shale Pay zone depth 3700'-3868' feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow Bbl/d

Final open flow 50 Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 1060 psig (surface measurement) after hours shut in

NOV 8 1982

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

- 5/18 Oriskany Perforation: 5187-5191 (40 holes)
- 5/18 Oriskany Fracture: Broke down at 2000 psig; treatment rate: 35. BPM; treatment pressure: 2600 psig; 60,000# of sand; total fluid: 900 BBL; Total nitrogen: 160,500 psig; ISIP: 1000 psig.
- 5/14 Brown Shale perf: 3700-3868 (18 holes)
- 5/12 Set permanent plug at 3990'. (Hole had to be junked in the Oriskany, lost tools and cable in hole.)
- 5/18 Devonian Brown Shale frac: 75 quality foam; treating pressure: 3600 psig; total sand: 15,000# (20/40 sand) screened-out; total nitrogen: 595,000 SCF; total fluid: 148 bbl of sand ladened fluid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			0	250	
Sandstone			250	366	
Shale			366	512	
Sandstone			512	580	
Shale			580	676	
Sandstone			676	694	
Shale			694	730	
Sandstone			730	790	
Shale			790	840	
Sandstone			840	860	
Shale			860	1190	
Sandstone			1190	1290	
Shale			1290	1356	
Sandstone			1356	1532	
Shale to Sand			1532	1730	
Lime			1730	2076	
Shale			2076	2106	
Injun Sandstone			2106	2210	
Shale			2210	2563	
Coffee Shale			2563	2586	
Berea Sandstone			2586	2597	
Shale			2597	4150	Show of gas at 3710'
Brown Shale			4150	4390	Show of gas at 4315'
Shale			4390	4768	
Marcellus Shale			4768	5076	Show of gas at 4830, 5044
Onondaga			5076	5166	
Oriskany Sandstone			5166	5234	Show of gas at 5186, 5232
Helderberg			5234	5274	
Total Depth			5274		

3700
2597

1103

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY
Well Operator

By: R. A. P.

Date: June 21, 1982

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including sand, encountered in the drilling of a well."

PARTIAL PLUGGING

FORM 09-0

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
NOV 1 1982

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER	<u>KAISER EXPLORATION AND MINING</u>
ADDRESS	<u>P.O. BOX 8, RAVENSWOOD, WV</u>
COAL OPERATOR OR OWNER	<u>July 19 82</u>
ADDRESS	<u>RIPLEY</u> District
LEASE OR PROPERTY OWNER	<u>JACKSON</u> County
ADDRESS	<u>RT 3, BOX 164, RIPLEY WV 25271</u>
	Well No. <u>KEM-150</u>
	<u>CARLOS L. EPLING</u> Farm
STATE INSPECTOR SUPERVISING PLUGGING	<u>RICHARD MORRIS</u>

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of JACKSON } ss:

R. A. Pryce

and

R. L. Coty

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by KAISER EXPLORATION & MINING well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14 day of June, 19 82, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
ORISKANY Ss	PACKER SET AT 3990' (KB) ON 6/12/82	4 1/2" perm- anent bridge plug	0	
	2nd PACKER SET AT 3874' (KB) ON 6/14/82	4 1/2 BAKER PERMANENT BRIDGE PLUG	0	
COAL SEAMS				
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		PARTIAL PLUG. NO MONUMENT ERECTED.		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 14 day of JUNE, 19 82.

And further deponents saith not.

Sworn to and subscribed before me this 5th day of August, 19 82.

R. A. Pryce
R. L. Coty
William Albert

Notary Public.

Permit No. JAC-1650

My commission expires:

December 1, 1985

035-

Track 1650

PARTIAL PLUGGING

RECEIVED

FORM 00-8

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

AUG - 9 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER: KAISER EXPLORATION AND MINING
NAME OF WELL OPERATOR: P.O. BOX 8, RAVENSWOOD, WV
ADDRESS: COMPLETE ADDRESS
COAL OPERATOR OR OWNER: July 19 82
ADDRESS: WELL AND LOCATION
CARLOS L. EPLING: RIPLEY District
LEASE OR PROPERTY OWNER: JACKSON County
ADDRESS: RT 3, BOX 164, RIPLEY WV 25271
Well No. KEM-150
Farm: CARLOS L. EPLING

STATE INSPECTOR SUPERVISING PLUGGING: RICHARD MORRIS

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of JACKSON

ss:

R. A. Pryce

and R. L. Coty

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by KAISER EXPLORATION & MINING well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14 day of June, 19 82, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
ORISKANY Ss	PACKER SET AT 3990' (KB) ON 6/12/82	4 1/2 perm- anent bridge plug	0	
	2nd PACKER SET AT 3874' (KB) ON 6/14/82	4 1/2 BAKER PERMANENT BRIDGE PLUG	0	
COAL SEAMS				
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		PARTIAL PLUG. NO MONUMENT ERECTED.		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 14 day of JUNE, 19 82.

And further deponents saith not.

Sworn to and subscribed before me this 5th day of August, 19 82.

R.A. Pryce
R.L. Coty
Notary Public.

My commission expires:

November 1, 1985

Permit No. JAC-1650

838 DUP



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 23 1982

W. VA. OIL & GAS
CONSERVATION COMMISSION

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE February 8, 1982

Surface Owner Carlos L. Epling

Company Kaiser Exploration and Mining Company

Address Rt. 3, Box 164, Ripley, WV 25271

Address P. O. Box 8, Ravenswood, WV 26164

Mineral Owner Same

Farm Carlos L. Epling Acres 184

Address _____

Location (waters) Coleman Branch

Coal Owner Same

Well No. KEM 150 Elevation 895'

Address _____

District Ripley County Jackson

Coal Operator None

Quadrangle Kenna

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-23-82

INSPECTOR

TO BE NOTIFIED Richard Morris

ADDRESS P. O. Box 372, Grantsville, WV

PHONE 354-7259

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated September 10 1980 by Dewey O. & Greek Lucas made to Kaiser Exploration and Mining Company and recorded on the 5th day of November 1980, in Jackson County, Book 158 Page 19

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours,

(Sign Name) K. A. P.

Well Operator
Kaiser Exploration and Mining Company

Address
of
Well Operator

P. O. Box 8

Street

Ravenswood

City or Town

West Virginia 26164

State

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown at this time NAME Robert A. Pryce
 ADDRESS _____ ADDRESS P. O. Box 8, Ravenswood, WV 26164
 TELEPHONE _____ TELEPHONE 273-5371
 ESTIMATED DEPTH OF COMPLETED WELL: 5275' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8 10 3/4"	250'	250'	150 sks class A
8 - 5/8			
7	2450'	2450'	65 sks 50/50 pozmix
5 1/2			100 sks class A
4 1/2	5275'	5275'	225 sks Class A
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title

47-035-1650



Basin Surveys, Inc

COMPENSATED DENSITY LOG

FILING NO. <u>PERMIT No</u> <u>47-0351650</u>	COMPANY <u>KAISER EXPLORATION + MINING Co.</u>
	WELL <u>EPLING KEM #150</u>
	FIELD <u>RIPLEY DISTRICT</u>
COUNTY <u>JACKSON</u> STATE <u>WV</u>	

LOCATION: <u>COLEMAN BRANCH</u> <u>QUAD: KENNA</u>	OTHER SERVICES: <u>PRL-1</u>
FIELD PRINT SEC. _____ TWP. _____ RGE. _____	

Permanent Datum: <u>GROUND LEVEL</u> ; Elev.: <u>895'</u> Log Measured From <u>KELLY BUSHING, 11 Ft. Above Perm. Datum</u> Drilling Measured From <u>KELLY BUSHING</u>	Elev.: K.B. <u>906'</u> D.F. <u>905'</u> G.L. <u>895'</u>
--	---

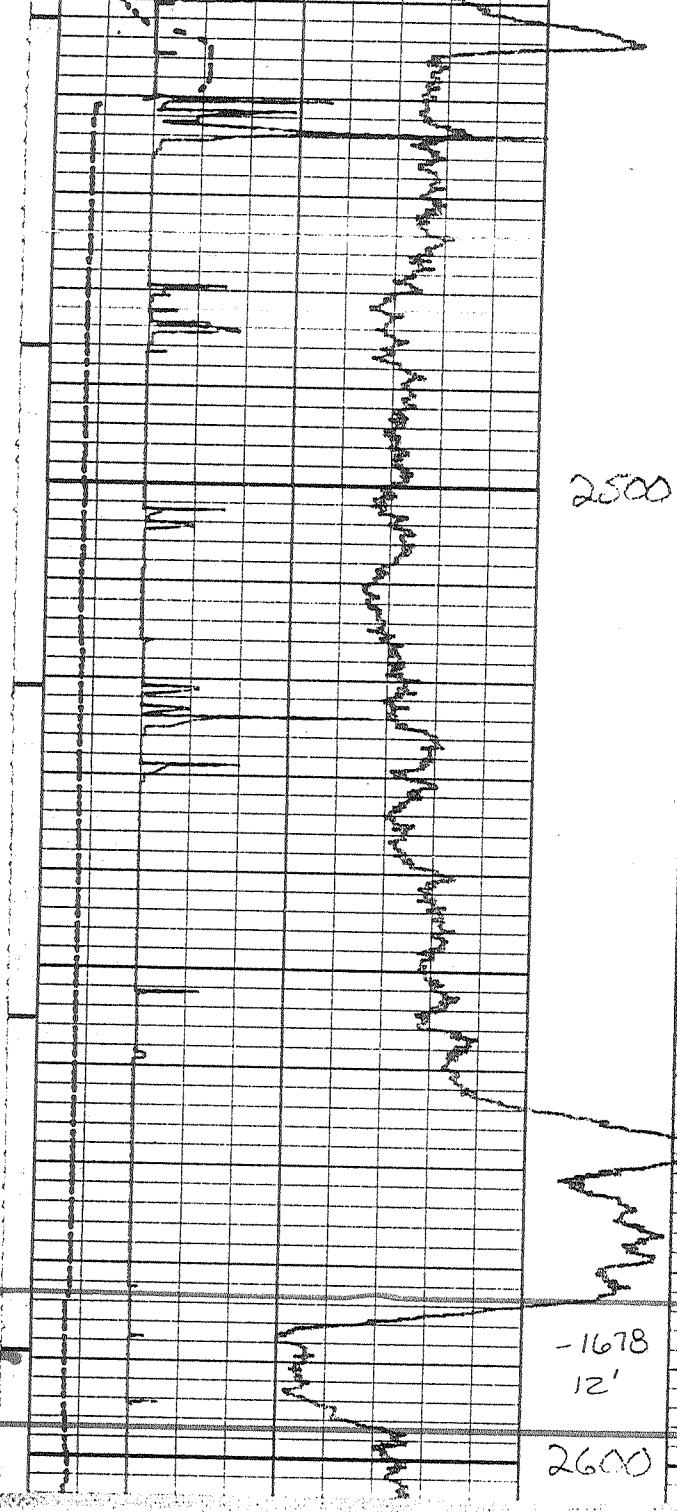
Date	<u>7 MAY 82</u>		
Run No.	<u>ONE</u>	<u>ONE</u>	<u>TWO</u>
Type Log	<u>GRCD CAL</u>	<u>TEMP.</u>	<u>U.S.G.D.</u>
Depth—Driller	<u>5275'</u>	<u>5275'</u>	<u>5275'</u>
Depth—Logger	<u>5278'</u>	<u>5278'</u>	<u>5278'</u>
Bottom logged interval	<u>5274'</u>	<u>5278'</u>	<u>5278'</u>
Top logged interval	<u>GR2449 TO SURF.</u>	<u>2449'</u>	<u>2449'</u>
Type fluid in hole	<u>AIR</u>	<u>AIR</u>	<u>AIR</u>
Salinity, PPM Cl.	—	—	—
Density	—	—	—
Level	—	—	—
Max rec. temp., deg F.	—	—	—
Operating rig time	<u>2.5 HRS</u>	<u>1 HR.</u>	<u>1.5 HR</u>
Recorded by	<u>E. CLAUS</u>	<u>J. EDWARDS</u>	
Witnessed by	<u>MR. COTY</u>		

Run No.	Bit	Bore-Hole Record		Size	Wgt.	Casing Record	
		From	To			From	To
<u>ONE</u>	<u>6 1/4"</u>	<u>2449'</u>	<u>5278'</u>	<u>7"</u>	<u>N/A</u>	<u>SURFACE</u>	<u>2449'</u>

THIS HEADING AND LOG CONFORMS TO API RP 33

FOLD HERE

AREA



12'

2600

