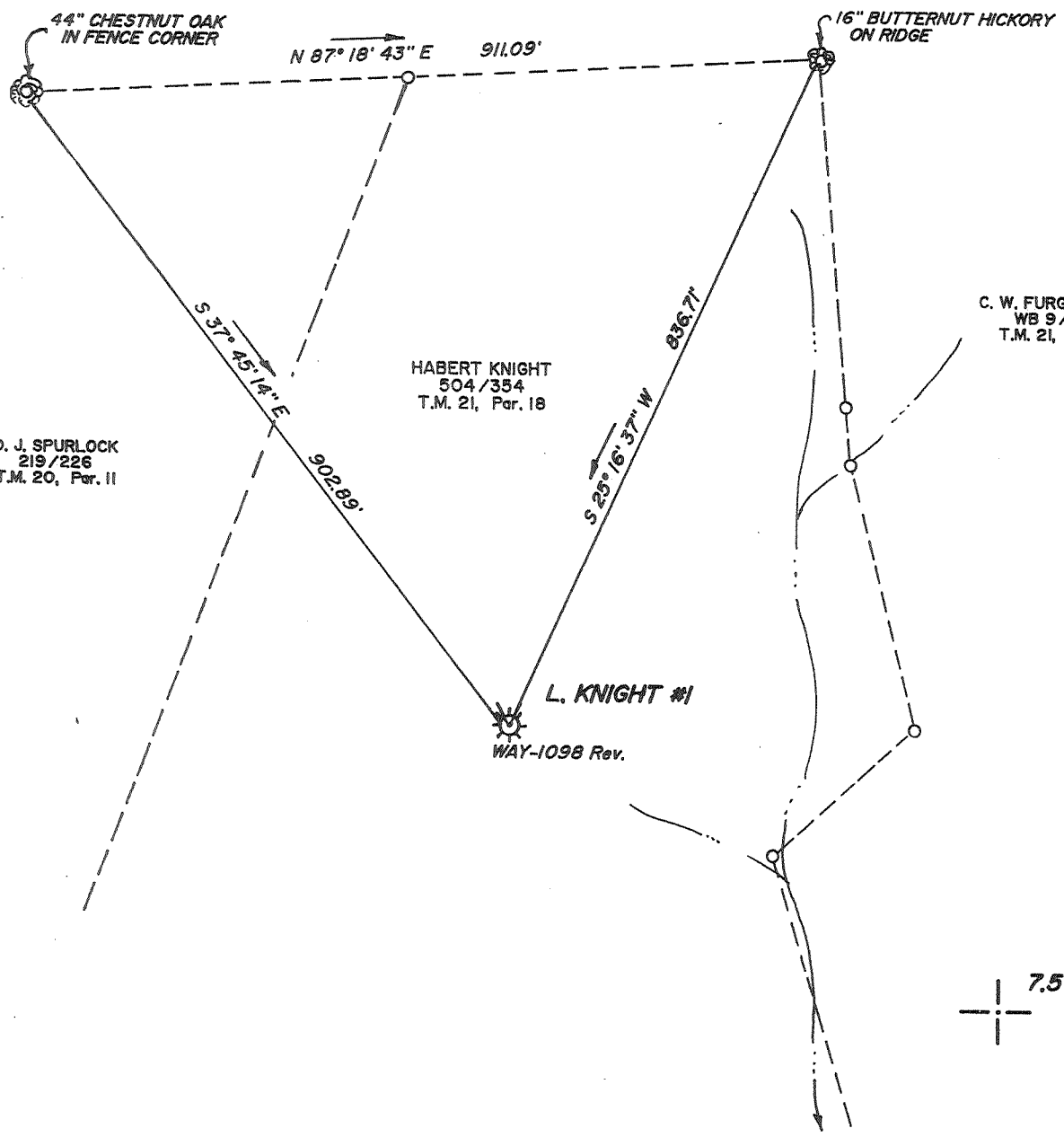


Janice
12/16/91

LATITUDE 38° 17' 30"

C. W. FURGUSON, III
WB 9/426
T.M. 21, Par. 14



LONGITUDE 82° 27' 30"

NORTH

O. J. SPURLOCK
219/226
T.M. 20, Par. 11

HABERT KNIGHT
504/354
T.M. 21, Par. 18

C. W. FURGUSON, III
WB 9/426
T.M. 21, Par. 13

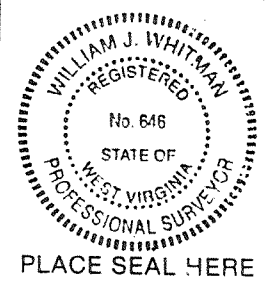
L. KNIGHT #1
WAY-1098 Rev.

7.5' LOC.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 8723-191
DRAWING NO. L. KNIGHT #1
SCALE 1" = 200'
MINIMUM DEGREE OF ACCURACY 1:2500
PROVEN SOURCE OF ELEVATION _____

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) William J. Whitman CPS
R.P.E. _____ R.P.S. 646



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE OCTOBER 25, 19 91
OPERATOR'S WELL NO. L. KNIGHT #1
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
STATE 47 COUNTY 099 PERMIT 1098-P

LOCATION: ELEVATION 75130 WATER SHED RIGHT FORK OF GARRETS CREEK
DISTRICT UNION COUNTY WAYNE
QUADRANGLE LAVALETTE, W. VA.

SURFACE OWNER HABERT KNIGHT ACREAGE 50
OIL & GAS ROYALTY OWNER LUCRETIA KNIGHT LEASE ACREAGE _____
LEASE NO. _____

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID G. McCLUSKEY
ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

DEC 20 1991

38° 17' 30"

Latitude 38 20

Longitude 82 25
82 07 30"

G. M. Burgess

Paul Booth

Lease # 2859
Lucretia Knight
50 Ac.

Ercle Booth

Serial # 1036
Elev. 751.30

5.65 S.
2.91 W.

9.50 (J-2)

75
0615 map
2.663
SSW

Right Fork of Garretts Creek

Lena Meade

BK. 119 P22

- New Location Revised
- Drill Deeper
- Redrill
- Abandonment

Company Owens Libbey-Owens Gas Dept.
 Address Box 4168 Charleston 4 W. Va.
 Farm Lucretia Knight
 Tract _____ Acres 50 Lease No. 2859
 Well (Farm) No. 1 Serial No. 1036
 Elevation (Spirit Level) 751.30
 Quadrangle Guyandot - SW
 County Wayne District Union
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date May 13, 1960 Scale 1" = 200 Ft.

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

WELL LOCATION MAP

FILE NO. Way-1098 Rev.
\$ RENEWED

-- Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

No Samples

6-6-2000

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Guyandot
Permit No. Way-1098-R

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm Lucretia Knight Acres 60
Location (waters) _____
Well No. 1 (Serial No. 1036) Elev. 751.30'
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Mrs. Lucretia Knight
R.F.D. #1 Address Wayne, W. Va.
Drilling commenced 3-8-61
Drilling completed 5-24-61
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Larkin Modified
13			Upside Down PKR.
10 3/4"	340'9"	340'9"	Size of
8 5/8"	1281'9"	Pulled	3 1/2 x 7 x 16
8 5/8"	1308'3"	Pulled	Depth set
7"	2141'10"	2141'10"	3790 - 3797
3 1/2"	----	3889'10"	Perf. top 3857
2			Perf. bottom 3888
Liners Used			Perf. top _____
			Perf. bottom _____

Open Flow 10ths Water in _____ Inch
_____/10ths Merc. in _____ Inch
Volume Big Six Sand 828 M Cu. Ft.

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

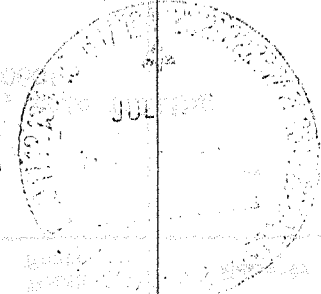
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED 6-5-61 Dowell acidized with 500 gal. Kerosene, 5,000 gal. Intensified XX Acid, flushed with 36 Bbl. water.
WELL FRACTURED _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT 3,585 MCF Big Six Sand
ROCK PRESSURE AFTER TREATMENT 780 lbs. in 48 Hrs.
Fresh Water 445 Feet Salt Water 1013, 1060, 1305-1308 Feet 1520, 1550, 3269-3279

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Red	Soft	0	14			
Rock	Yellow	Hard	14	18			
Sand	Grey	Hard	18	28			
Slate	Light	Med.	28	35			
Red Rock	Red	Med.	35	41			
Slate	Light	Med.	41	73			
Slate	Light	Soft	73	79			
Red Rock	Red	Med.	79	93			
Slate	Grey	Soft	93	117			
Slate	Light	Soft	117	150			
Slate	Light	Med.	150	206			
Slate	Grey	Soft	206	236			
Sand	Light	Soft	236	256			
Slate	Light	Soft	256	311			
Sand	Light	Med.	311	386			
Slate	Dark	Soft	386	428			
Sand	Dark	Soft	428	471			
Slate	Dark	Soft	471	491			
Sand	Light	Med.	491	521			
Slate	Light	Soft	521	541			
Sand, Bro.	Light	Med.	541	577			
Slate	Dark	Soft	577	600			
Sand	Dark	Med.	600	635			
Slate	Light	Soft	635	676			
Sand	Light	Med.	676	738			
Slate	Dark	Soft	738	775			
Sand	Dark	Med.	775	809			
Sand, Bro.	Dark	Med.	809	868			

3-14-61
Installed 10-3/4" casing at 341' on shoe
Water at 445', 2 BPH



Formation	Color	Hard or Soft	Top ²⁰	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Soft	868	920			
Sand	Dark	Med.	920	930			
Slate	Dark	Soft	930	936			
Sand	Light	Med.	936	1065	Water at 1013', hole filling		
					Hole full at 1060'		
Slate	Light	Soft	1065	1070			
Slate	Dark	Soft	1070	1103			
Sand	Dark	Med.	1103	1205			
Slate	Dark	Soft	1205	1240			
Little Lime	Dark	Hard	1240	1265			
Big Lime	White	Hard	1265	1316			
					<u>3-27-61</u>		
					Installed 8-5/8" casing at 1287' on shoe and 2 centralizers.		
					Water 1305 - 1308' - 21' below pipe		
					<u>3-30-61</u>		
					Pulled 8-5/8" casing		
					<u>4-1-61</u>		
					Installed 8-5/8" casing at 1309' on shoe with 2 centralizers at 1301'10" and 1230'11"		
Break	Green	Soft	1316	1318			
Big Lime	White	Hard	1318	1430			
Gray Injun	Grey	Med.	1430	1536	Water at 1520', 1/2 BPH		
Slate	Dark	Med.	1536	1550			
Grey Injun	Grey	Med.	1550	1600	Water in Injun, 125' in 24 Hrs.		
Slate	Dark	Soft	1600	1992			
Shells	Dark	Med.	1992	2005			
Slate	Dark	Soft	2005	2049			
Coffee Shale	Brown	Soft	2049	2078	SIM 2078 = Sand IM 2078		
Berea	Light	Hard	2078	2089			
Slate	Light	Soft	2089	2095			
Berea	Light	Hard	2095	2121	Gas show 2100'		
					Gas 2112'		693 cu. ft.
Slate	Light	Soft	2121	2124			
Sl & Shls	Light	Soft	2124	2139			
Shells	Dark	Hard	2139	2146			
					<u>4-12-61</u>		
					Installed 7" casing at 2140' on shoe with 2 centralizers set at 2135'5" and 2069'10"		
Slate	Light	Soft	2146	2152			
Shells	Dark	Hard	2152	2158			
Slate	White	Soft	2158	2181			
Br. Shale	Brown	Soft	2181	2283			
W. Shale	White	Soft	2283	2343			
					<u>4-17-61</u>		
					Pulled 8-5/8" casing		
Slate	White	Solid	2343	2420			
Br. Shale	Brown	Med.	2420	2578			
Slate	White	Med.	2578	2600			
Br. Shale	Brown	Med.	2600	2938			
Slate	White	Soft	2938	3111			
Br. Shale	Brown	Med.	3111	3160	SIM 3160 = Sand IM 3162		
Corn. Lime	Dark	Hard	3160	3167			
Corn. Lime	White	Hard	3167	3269	Gas 3259'		3.4 MCF
Corn. Lime	Grey	Hard	3269	3283	Black water 3269 - 3279'	1/2 - 6" BPH	
Corn. Lime	White	Hard	3283	3298			
Corn. Lime	Grey	Hard	3298	3342			
Corn. Lime	Dark	Hard	3342	3837	Test 3675'		1.2 MCF
					Gas 3687'		3.2 MCF
					Test 3812'		2.1 MCF
					Gas 3817-3822'		55.4 MCF
					Gas 3828'		78.3 MCF
					Gas 3832'		97.0 MCF
					Gas 3837'		316.0 MCF
					Test 3858'		307.0 MCF
					Gas 3864'		509.0 MCF
					Gas 3868'		556.0 MCF
Big Six	Dark	Hard	3837	3899			
			Total Depth	3899			

Date July 14, 1961

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith
A. H. Smith, Mgr. (Title) Land, Engr. & Geol.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 20A

Quadrangle Guyandot

Permit No. Way-1098-R

WELL RECORD
(CONTINUED)

Oil or Gas Well GAS
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm Lucretia Knight Acres 60
Location (waters) _____
Well No. 1 (Serial No. 1036) Elev. 751.30
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced _____
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 5/8			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

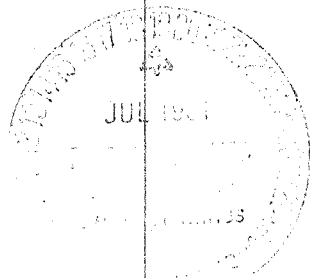
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

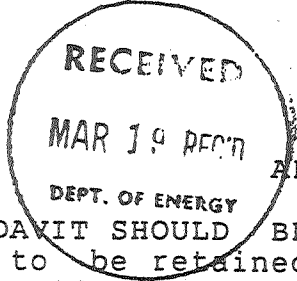
RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
					Gas 3871'		615 MCF
					Gas 3874'		922 MCF
					Gas 3878'		1,227 MCF
					Test 5-22-61, 38 Hrs. after getting gas:		
					at 3878'		973 MCF
					SIM 3878 = Sand IM 3880		
					Gas 3880'		1,023 MCF
					Gas 3888'		1,099 MCF
					5-26-61		
					Installed 3 1/2" tubing at 3899' with		
					Larkin Modified Upside Down Packer set		
					from 3790 to 3797'		
					6-5-61		
					Dowell acidized with 500 gal.		
					Kerosene, 5,000 gal. Intensified XX		
					Acid; flushed with 36 Ebl. water.		
					Swabbed 30 Min.; well started blowing.		
					6-9-61		
					3 1/2" Tbg. 810# in 44 Hrs.		
					7" Csg. 23# in 90 Hrs.		
					Blew at 8:00 A.M.		
					1 Hr. 33#		7,839 MCF
					6 1/2 Hrs. 14 1/2" Mercury		3,585 MCF
					Shut-in at 2:30 P.M.		
					Final Open Flow After Acidized:		
					Big Six Sand		3,585 MCF





STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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.

Farm name: BOOTH, ESTA ETAL. Operator Well No.: L. KNIGHT #1

LOCATION: Elevation: 751.30 Quadrangle: LAVALETTE
District: UNION County: WAYNE
Latitude: 14200 Feet South of 38 Deg. 17 Min. 30 Sec.
Longitude 3000 Feet West of 82 Deg. 27 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Cabot Oil & Gas Corp.
P. O. Box 1473
Charleston, WV 25325

Coal Operator Ocie Knight Hudson
or Owner Rt. 1 Box 1397
Wayne, WV 25570

Agent: David G. McCluskey

Coal Operator Hobert Knight
or Owner Rt. 1 Box 1397
Wayne, WV 25570

Permit Issued: 12/20/91

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha

ss:

Bill Shreve and Billy K. Wright 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 the above named well operator, and participated in the work of plugging and filling the above well, and Ofie Helmick Oil and Gas Inspector representing the Director, say that said work was commenced on the 4th day of March, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Latex cmt	3889'	3189'	10-3/4" csg 340.90	0'
6% gel	3189'	2400'	7" csg 2141.10	1366.10'
Latex cmt	2400'	2200'	3-1/2" csg 3889.10	107.10'
6% gel	2200'	1500'		
CalSeal	1500'	1485'		
6% gel	1485'	850'	CIBP 7" set @ 1500'	
CL-A cmt	850'	0'		

Description of monument: casing w/ API #.

and that the work of plugging and filling said well was completed on the 9th day of March, 1992.

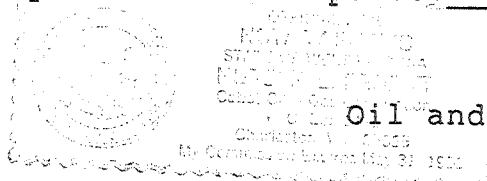
And further deponents saith not.

x Bill Shreve

x Billy K. Wright

Sworn and subscribe before me this 18th day of March, 1992
My commission expires: May 31, 1999

Norema L. Profit
Notary Public



Oil and Gas Inspector: