

+ Denotes location of well on United States

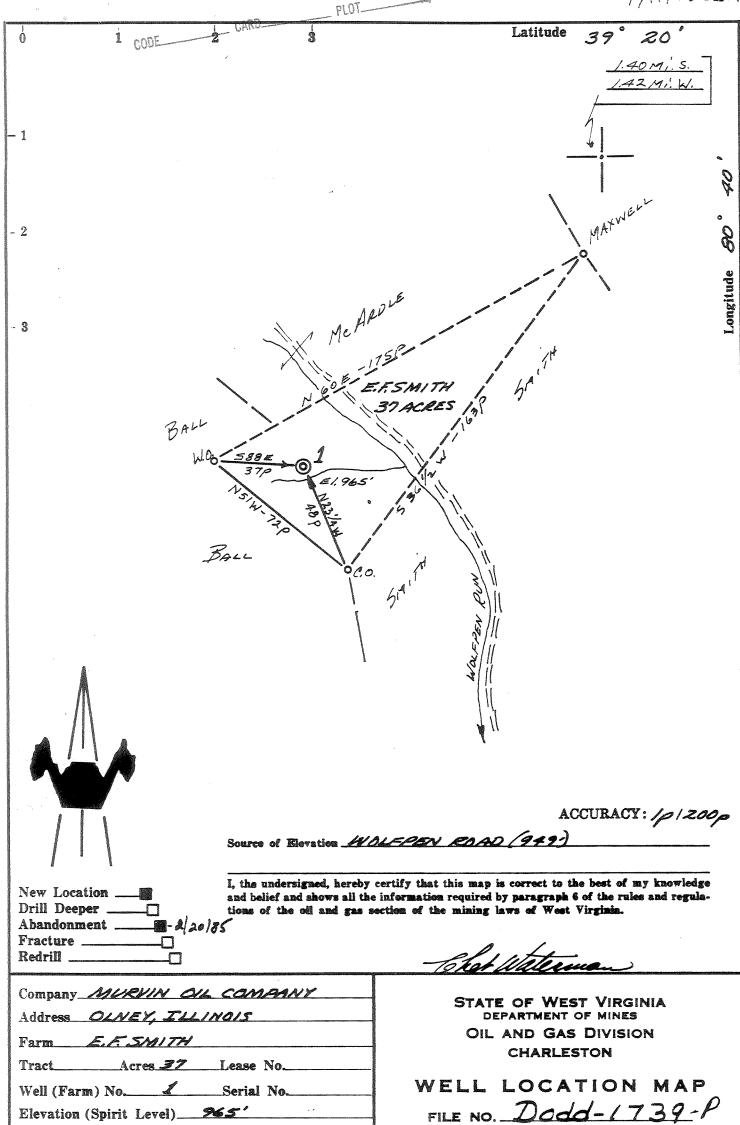
Topographic Maps, scale 1 to 62,500, latitude

and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of

47-01

original tracing.



Quadrangle CENTERPOINT

Engineer CHET WATERMAN

Engineer's Registration No. 3788 File No. 73003 - 330 Drawing No.

County DODDRIDGE District GRANT

Date 7/10/73 Scale /" = 40p

Plot Log Card CSDAW Mfl W I stitude MAXMERL Longitude ACCURACY: 10/2000 Source of Elevation. I, the undersigned, hereby certify that this map is correct to the best of my knowledge New Location . and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia. Drill Deeper Abandonment Fracture Redrill Company MURYLA CLL COMPANY STATE OF WEST VIRGINIA DEPARTMENT OF MINES Address CLANEY, Jahlings OIL AND GAS DIVISION Farm E.E. SMITH CHARLESTON Tract____Acres_2/_ Lease No.___ WELL LOCATION MAP Well (Farm) No. ___ Serial No. FILE NO. Dodd-1739 Elevation (Spirit Level) 262' Quadrangle CENTERPONT SU - Denotes location of well on United States County 2000/005 District GRAY Topographic Maps, scale 1 to 62,500, latitude Engineer CHET WATERMAN and longitude lines being represented by border lines as shown. Engineer's Registration No. 3788 - Denotes one inch spaces on border line of File No. 23003 - 330 Drawing No. original tracing. Date 7/10/73 Scale /" = 400



39-30

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD

Quad	rangle	Centerpoint

Rotary X	Oil
Cable	
Recycling	Comb.
Water Flood	Storage
Disposal	

Permit No. DOD-1739				Water Floo	dStorage
					(Kind)
Company Murvin Oil Corporation			the first of the second	}	The date of the control of the contr
Address Box 297, Olney, Ill. 6		Casing and	Used in	Left	Cement fill up
Farm E. F. Smith Ac	res 37	Tubing	Drilling	in Well	Cu ft. (Sks.)
Location (waters) Morgans Run		Size		Appendix Annaber (1 of the seconds of the second of	
Well No. 1		20-16			
District Grant County Dod	dridge	Cond	man of the state o		
The surface of tract is owned in fee by E.	F. Smith	F 12 - F / N**	Market to the second part and the communications		
West Union, West Virginia		9 5/8		nderformer man reparents require participation of the second	
Address		8 5/8	474	474	140 Sks.
Mineral rights are owned by John I., Sm	ith Heirs	7		The state of the same of the state of the st	
and Row Stubbe Heire	and a material state of a support latter against a support latter again	5 1/2	A STATE OF THE STA	The state of the s	,
Drilling Commenced 7/18/73		4 1/2	1993	1993	120 Sks.
Drilling Completed 7/21/73		3			
Initial open flow 150,000 cu. ft.		2			-
Final production 700,000cu. f) per day	ishle	Liners Used	The extension of the control of the extension of the exte		
Well open 12 hrs. before test	460 pp	The Committee of the Co		mer of extensive supremptings of a comment of supremptings on	
Well treatment details:		But he had been seen to be a se	And the second second second	A particular and a part	\$2.100 No. the distance of contribute research and a late to the contribute of the c
	a 1994a (con a 49 45	Attach copy of c	cementing rec	ord.	
Copy of	many the traderior to the series with the series of the series and the series of the s	to the time the annual contract to the second section of the second section in the second section of the second section is a second section of the second section of the second section sectio	Control of the Contro	MANAGEMENT TO STATE OF THE STAT	ment, was token one supply district to the transition had been been been been been a single of the contract of
		prated: 1944	-1952 - 7	shots	Collective and authorize a property of an action and the collective and action and the collective and action and the collective and action action and action ac
	a destactor comme representative appropriate	1955	<u> -1965 - 1</u>	0 shots	e constitution des complex respects control suppression demands and the control control control control control
make layer specific make the m	A determinant of the constraint of the constrain	C. A. S. L. L. Specific Compt	The state of the s	1. Managarite ta de como conseguir de como como como como como como como com	elines college and the control of th
And the state of t	ti vita ti in 1986 d'Aprigore, esc. quespron alcabase, caso perque i primi	entre transcription of the state of the stat	TWO IS NOT THE TAX DESCRIPTIONS	en engelikkenke rokket kolor: «På saprige i rikjule » « samme » «	: Share at classes were come come is considerate making than a delicate a considerate considerate.
	Printed and the control of the contr	To the control of the design of the control of the		erin nel tradition desdetables con conference anacce con consequen	Minima Maria and Sentan Maria and a second second and a second se
		manages approximately support and manages in the contract of t			
Fresh water 25 Fe	c1	Salt V	Vater No	ne	Feet
Producing Sand Squaw	top on organis agreement the security agreement to having where algebraic enumerar should	Depth	(see per	forating .	information)
				principaga etti yaridgada hadirdagan, hagi salaaggahammagan iyo gagabata 1 si sa Hadir elektroni kita i spirilda da katirilgan katirilga katirilga 1 si say fingajir ya sayat i say	olen nga kemaka nga sa sang salam salam na kama na mang na bagan sayang sa salam 1842 1862 1862 1862 1862 1862 An kamanan na mang salam sa na mang na kamanan na mang na mang salam salam sa 1842 1862 1862 1862 1862 1862 1
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas o	r Water	* Remarks
			The state of the s	HANGER, VERRICH OFFICER PROPERTY AND	
Soil	0	20	Wat	er	
Shale	20	75	1		75 ft.
Red rock Sand					75 ft.
Shale	75	130	-		75 ft.
	130	130 175			75 ft.
	130 175	130 175 290			75 ft.
Rød rock	130 175 290	130 175 290 375			75 ft.
Rød rock Sand	130 175 290 375	130 175 290 375 415			75 ft.
Red rock Sand Slate and shells	130 175 290 375 415	130 175 290 375 415 620			75 ft.
Red rock Sand Slate and shells Red rock Shale	130 175 290 375 415 620	130 175 290 375 415			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand	130 175 290 375 415 620 735 820	130 175 290 375 415 620 735			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells	130 175 290 375 415 620 735 820 860	130 175 290 375 415 620 735 820			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells	130 175 290 375 415 620 735 820 860 1115	130 175 290 375 415 620 735 820 860 1115 1180			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells	130 175 290 375 415 620 735 820 860 1115	130 175 290 375 415 620 735 820 860 1115 1180			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells Slate and shells	130 175 290 375 415 620 735 820 860 1115 1180 1420	130 175 290 375 415 620 735 820 860 1115 1180 1420			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells Sand Slate and shells	130 175 290 375 415 620 735 820 860 1115 1180 1420	130 175 290 375 415 620 735 860 860 1115 1180 1420 1580 1635			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells Sand Slate and shells Sand	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580	130 175 290 375 415 620 735 860 1115 1180 1420 1580 1635			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells Sand Slate and shells Sand	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580 1635 1670 1705			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells Sand Slate and shells Sand Slate and shells	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580 1635 1670 1705 1750			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580 1635 1670 1705			75 ft.
Red rock Sand Slate and shells Red rock Shale Sand Slate and shells Sand Slate and shells Sand Slate and shells Sand Slate and shells Sand	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580 1670 1705 1705	130 175 290 375 415 620 735 820 860 1115 1180 1420 1580 1635 1670 1705 1750			75 ft.

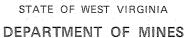
(over)

^{*} Indicates Electric Log tops in the remarks section.

Formation Color	Hard or Soft	Top Feet 1	Bottom Feet	Oil, Gas or Water * Remarks
Slate Squaw Sand Slate		1920 1940 1968	1940 1968	
T.D.		1990		
		Programme Control (Control Control Con	మంత్ర అను ఉంది.	
		: .		
	erija (j. 1904) Postavaja			
				The control of the co
		- ACCESSED AND ACCESSED AND ACCESSED AND ACCESSED AND ACCESSED ACCESSED AND ACCESSED		
	11 445 14 D - XAS XASS (18 8			i Alfred III. I sa a na antao tao ao ao a Alfred III. I sa antao ao amin'ny fivondronana ao amin'ny faritr'i Alfred II. I Sa an ao amin'ny faritr'i Albred II. I sa antao ao amin'ny faritr'i Albred II. I sa antao ao amin'ny faritr'i
		1		 In the control of the c
			The control of the co	
zan-«Отнований факковический применений при				

Date November 29	19 _ 23 _
APPROVED Maryin Oll Corporation	Ω , Owner
By Sole By (Title) - Sei	
(Title) - Sec	cretary





OIL AND GAS WELL PERMIT APPLICATION



OIL & GAS DIVISION DEPT. OF MINES

Oil and Gas Division

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE
Surface Owner	Company INNIN OIL COMPORATION,
Address	
Mineral Owner	Farm Agree 37
Address	Location (waters) Location (waters) Location (waters)
Coal Owner	and the second s
Address 320 at Unionto a.	
Coal Operator	
Address	
of the for Coperation of the for Coperation of the for Coperation operation	This permit shall expire if tions have not commenced by // - /3. Director = Oil & Gas Division CTOR TO BE NOTIFIED Blesser
GENTLEMEN:	7-1857 PH: Fairmont 363-9105
Calfact 71000	26566 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 leas	the dated and recorded on the day of
	Page (Not yet recorded)
	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILL	
The enclosed plat was prepared by a registered enginee have been notified as of the above date.	or or licensed land surveyor and all coal owners and/or operators by notified that any objection they wish to make, or are required
	or filed with the Department of Mines within ten (10) days. *
	by registered mail, or delivered to the above named coal operators day
	Very truly yours, (Sign Name) Leter Anance Well Operator
ΛĀA	dress Street
c	of perator
	City or Town Class 62450
	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.

BLANKET BOND

Rodd-1739 PERMIT NUMBER

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER T	ODRILL	DEEPENFRACTURE-STIMULATE		
DRILLING CONTRACTOR: (RESPONSIBLE AGENT:	See a water and see to see a	
NAME		NAME		
TELEPHONE	o, W. Va. 26178 222		iaac, W. Va. 2017 2222	
ESTIMATED DEPTH OF COM	PLETED WELL:	ROTARY	CABLE TOOLS	
PROPOSED GEOLOGICAL FO	RMATION:	APAGG LUMI.		
TYPE OF WELL: OII	GAS CC	OMB STORAGE_	DISPOSAL	
	RECYCLIN	G WATER FLOC	ODOTHER	
TENTATIVE CASING PROGR	AM:			
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.	
20 - 16			Annual in the property and the contract of the cold of the property of the cold of the col	
13 - 10				
9 - 5/8				
8 - 5/8	2001	2001	70 Sacks	
7				
5 ½		2.050		
4 ½ 3		*** 7.3***	Perf. Top	
2		Y .	Perf. Bottom	
Liners	s a Darina assur		Perf. Top	
<u> </u>	The state of the s		Perf. Bottom	
			<u> </u>	
APPROXIMATE FRESH WATE	er depths75*feet	SALT WATER	FEET	
APPROXIMATE COAL DEPTH	IS	, , , , , , , , , , , , , , , , , , , ,		
	ΓHE AREA?		The state of the s	
TO DRILL:				
	ES OF OG - 1, \$100.00 PERMIT	r fee, performance bo	ND AND PERMANENT COPY	
TO DRILL DEEPER OR REDI	RILI.:			
	S OF OG - 1, SHOWING ORIGI	NAL PERMIT NUMBER AND	O PERFORMANCE BOND: ON	
	R TO 1929, A PERMANENT CO			
TO FRACTURE - STIMULATE	d:			
OIL AND/OR GAS WELL	ORIGINALLY DRILLED BEFOR AT AND ORIGINAL WELL REC		OPIES OG - 1, PERFORMANCE	
OIL AND/OR GAS WELL	ORIGINALLY DRILLED ON AN NUMBER,AND PERFORMANCE	ID/OR AFTER JUNE 5, 1929	e, FIVE COPIES OG - 1, SHOW-	
	filed within ninety (90) days of c		Inequator to be notified to-	
four (24) hours in advance		ompletion for bond release.	inspector to be notified twenty-	
The following waiver must thereof.	st be completed by the coal open	rator if the permit is to be is	ssued within ten days of receipt	
	Agent for	Cool Componer Own	or Operator of the1 1	
	nined and place on our mine ma		-	
	coal Company l		* *	
providing operator in Code.	as complied with all rules and regu	manons in Articles 4, 5, and 7	, Onapter 22 of the west virginia	
		Fo	r Coal Company	

Official Title