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PLEASE REPLY TO SANTA FE

* NEW MEXICO BOARD OF SPECIALIZATION RECOGNIZED SPECIALIST IN NATURAL RESOURCES - OIL & GAS LAW
** NEW MEXICO BOARD OF SPECIALIZATION RECOGNIZED SPECIALIST IN REAL ESTATE LAW

November 28, 2001

By Hand Delivery:

Mr. David Catanach
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

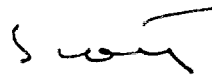
Re: Energen Resources Corporation/Langlie Lynn Queen Unit,
Lea County, New Mexico (WFX-581)

Dear David:

Enclosed is a copy of the set of supplemental materials prepared by Sharon Hindman at Energen Resources on the above matter.

If any further information is required, please do not hesitate to contact me.

Very truly yours,



J. Scott Hall

JSH/kam

Cc: Ken Gray w/o

01 NOV 28 PM 10:40
OIL CONSERVATION DIV



November 21, 2001

State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: David Catanach:

RE: Energen Resources Corporation, Ogrid #162928
Application for Administrative Approval to Inject, Expansion of Project #WFX-581
Langlie Lynn Queen Unit, Wells #3, 5, 7, 9, 12, 14, 16 & 18
Lea County, New Mexico

Dear Mr. Catanach:

Energen Resources Corporation applied for an Administrative Authority to Expand its existing Injection Permit #WFX-581 on April 14, 2000. After review of the application and attachments there was a list of issues requested from the OCD and addressed to our attorneys. The Raptor State A A/C 1 #97 well which is shown on the Table of Wells (1/2 Mile Area of Review) is incorrectly stated on the table and is not in the area of review for any of the wells applied for in the above listed application.

All other information you have requested on the attached list has been recorded on wellbore schematics or addressed by other information attached. If you should have any further questions regarding any of this information please feel free to contact me. We anxiously await approval of the referenced injection permits. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Hindman".

Sharon Hindman
Regulatory Analyst

cc: Scott Hall
Ken Gray

ISSUES: INT. WELL

already permitted for inspection

clarify

11

#5 - Has been permitted by Order No. WPT-581 (Should amend this order.)

#7 - Has been permitted by Order No. WPT-581 (Should be amended.)

#12 - 2 1/2" casing - cemented in hole. Prepare to run - 23 1/2" log. ?

#14 - Permitted by Order No 2-4417 - ?

AOR WELL:

ok 1) Langke hgn Queen Unit No 2. I-22-23-36

update on current status & plans for future

Langke hgn Unit No 11 A-27-23-36
Well has been TAD since 8-91.
Need to do something to this well. PA?

3) Cooco - State A AK-1 No. 6 A-22-23-36
No PA schematic.

question perf in connect with formation

4) Raptor Stab A AK-1 # 97 F-22-23-36
Perked stat 3594. 3086-3228
Jalout? Langke Matrix?

Need

5) Cooco - State AA No. 5 G-22-23-36
No PA schematic.

Need

6) Cooco hgn B-1 # 2 A-26-23-36
No PA schematic.

- 7) How Exp. George Etk No. 4 I-27-23-36
No DA Schematic
- 8) Lynn B-1 No. 1. (buses) J-26-23-36E
Sulfur casing set @ 41' - ?
Int @ 2873 - No cement top
- 9) Area Kankard No. 3 D-25-23-36
No DA Schematic
- 10) Area - Sirelain A Stk 9 D-23-23-36
No PA schematic
- 11) Area Sirelain A Stk 1 I-23-23-36 -
No cement data on casing string
- 12) Repter State A A21-1 # 26 G-23-23-36
No cement data on long string
- 13) Repter State A A21 # 27 F-23-23-36
OH- 2890-3670 -
format: Repter A21-1 ?
- 14) Clayton Wilton Stk A A21 No. 1 U-23-23-36
No PA Schematic
- 15) Grace - State PA No 3 H-22-23-36
No PA Schematic
- 16) Ergo - Kanichan Co No. 23 J-22-23-36
Drilling well - No data

Volume on Cement
depths on Casing string

Perforations
Formations

→
diameters
of Prof & present
status of well

LANGLE LYNN TABLE OF WELLS (1/2 Mile Area of Review)

LOCATION.

ID	Type	OPERATOR	LEASE & WELL	Letter	Sec.	Twp	Range	Footage	Date Drilled	Address	Notes
3300'	P&A	Grace Petroleum	New Mexico "AA" State #6	A	22	T23S	R36E	990' FNL, 990' FEL	07/05/1973	P.O. Drawer 2358, Midland TX 79702	
3300'	O&G	Raptor Resources Inc.	State A A/C-1 #97	F	22	T23S	R36E	1980' FNL, 1980' FWL	10/27/1960	P.O. Drawer 2358, Midland TX 79702	
3374'	P&A	Grace Petroleum	New Mexico "AA" State #5	G	22	T23S	R36E	1980' FNL, 1980' FEL	07/22/1960	P.O. Drawer 2358, Midland TX 79702	
3630'	P&A	Grace Petroleum	New Mexico "AA" State #3	H	22	T23S	R36E	2310' FNL, 330' FEL	12/24/1959	P.O. Drawer 2358, Midland TX 79702	
3130'	G	Doyle Hartman	New Mexico "AA" State #1	I	22	T23S	R36E	1980' FNL, 660' FEL	08/15/1950	P.O. Box 10426, Midland TX 79701	
3765'	O&G	Energien Resources	Langlie Lynn Queen Unit #2	J	22	T23S	R36E	1980' FSL, 660' FEL	02/28/1960		
3812'	P&A	Energien Resources	Langlie Lynn Queen Unit #1	J	22	T23S	R36E	1080' FSL, 1980' FEL	09/07/1960		
		Langlie Lynn Queen Unit #1								310 W. Wall, Midland TX 79701	
3843'	Drilling	Energien Resources	Langlie Lynn Queen Unit #23	J	22	T23S	R36E	1863' FSL, 1950' FEL	Drilling		Drill as injector
5095'	P&A	Clayton Williams Energy	New Mexico State A A/C #1	N	22	T23S	R36E	330' FSL, 2310' FWL	10/11/1930	Six Desta Drive Suite 3006, Midland TX 79705	Replace #10 producer
	Drilling	Energien Resources	Langlie Lynn Queen Unit #20	O	22	T23S	R36E	672' FSL, 1797' FEL	Drilling		Convert to injector
3400'	P&A	Energien Resources	Langlie Lynn Queen Unit #10	O	22	T23S	R36E	840' FSL, 1650' FEL	06/12/1963		
3400'	O&G	Energien Resources	Langlie Lynn Queen Unit #9	P	22	T23S	R36E	660' FSL, 330' FEL	04/12/1963		
3420'	G	Gruy Petroleum Mgmt	Shell State #3	P	22	T23S	R36E	660' FSL, 660' FEL	04/14/1954	P.O. Box 14067, Irving TX 75014	
3595'	O&G	Raptor Resources Inc.	State A A/C-1 #98	B	23	T23S	R36E	660' FNL, 2310' FEL	12/05/1960	P.O. Box 160430, Austin TX 78716	
3577'	O&G	Raptor Resources Inc.	State A A/C-1 #73	C	23	T23S	R36E	660' FNL, 1980' FWL	11/22/1959	P.O. Box 160430, Austin TX 78716	
359'	O&G	Raptor Resources Inc.	State A A/C-1 #65	D	23	T23S	R36E	660' FNL, 760' FWL	08/26/1959	P.O. Box 160430, Austin TX 78716	
3587'	O&G	Raptor Resources Inc.	State A A/C-1 #72	E	23	T23S	R36E	1980' FNL, 660' FWL	11/15/1959	P.O. Box 160430, Austin TX 78716	
3670'	O&G	Raptor Resources Inc.	State A A/C-1 #27	F	23	T23S	R36E	1650' FNL, 1650' FWL	03/20/1949	P.O. Box 160430, Austin TX 78716	
3585'	O&G	Raptor Resources Inc.	State A A/C-1 #84	G	23	T23S	R36E	1980' FNL, 2310' FEL	03/07/1960	P.O. Box 160430, Austin TX 78716	
3148'	O&G	Raptor Resources Inc.	State A A/C-1 #26	G	23	T23S	R36E	1650' FNL, 1650' FEL	02/01/1949	P.O. Box 160430, Austin TX 78716	
3669'	O&G	Raptor Resources Inc.	State A A/C-1 #105	H	23	T23S	R36E	2080' FNL, 660' FEL	06/28/1964	P.O. Box 160430, Austin TX 78716	
3300'	G	Arco Permian	Sinclair A State #1	I	23	T23S	R36E	1650' FSL, 990' FEL	08/12/1949	P.O. Box 1710, Hobbs NM 88240	
3755'	O&G	Arco Permian	Sinclair A State #5	I	23	T23S	R36E	1980' FSL, 660' FEL	02/01/1962	P.O. Box 1710, Hobbs NM 88240	
3734'	Inj.	Energien Resources	Langlie Lynn Queen Unit #5	J	23	T23S	R36E	1980' FSL, 1980' FEL	11/17/1960		Continue injection
3751'	O&G	Energien Resources	Langlie Lynn Queen Unit #4	K	23	T23S	R36E	1650' FSL, 2310' FWL	11/03/1960		Return to injection
3791'	Inj.	Energien Resources	Langlie Lynn Queen Unit #3	L	23	T23S	R36E	1980' FSL, 660' FWL	10/10/1960		Return to injection
3711'	O&G	Energien Resources	Langlie Lynn Queen Unit #8	M	23	T23S	R36E	660' FSL, 660' FWL	01/30/1963		
3550'	G	Arco Permian	Sinclair A State #10	M	23	T23S	R36E	990' FSL, 990' FWL	03/24/1999	P.O. Box 1710, Hobbs NM 88240	
3800'	Inj.	Energien Resources	Langlie Lynn Queen Unit #7	N	23	T23S	R36E	660' FSL, 1980' FWL	11/25/1962		Return to injection
3728'	O&G	Energien Resources	Langlie Lynn Queen Unit #6	O	23	T23S	R36E	660' FSL, 1980' FEL	12/21/1962		
3750'	P&A	Arco Permian	Sinclair A State #9	P	23	T23S	R36E	660' FSL, 660' FEL	12/30/1963	P.O. Box 1710, Hobbs NM 88240	
3176'	O&G	Raptor Resources Inc.	State A A/C-1 #107	L	24	T23S	R36E	1980' FSL, 660' FWL	07/26/1964		
3750'	P&A	Arco Permian	Lankford #3	D	25	T23S	R36E	660' FNL, 660' FWL	05/08/1961	P.O. Box 1710, Hobbs NM 88240	
3800'	O&G	Rhombus Operating	Lankford #4	E	25	T23S	R36E	1650' FNL, 330' FWL	01/16/1965	200 N. Lorraine Suite 1270, Midland TX 79701	
3270'	G	Conoco	Lynn B-1 #17	A	26	T23S	R36E	810' FNL, 660' FEL	05/28/1936	10 Desta Drive Suite 100W, Midland TX 79705-4500	
3750'	P&A	Conoco	Lynn B-1 #2	A	26	T23S	R36E	990' FNL, 990' FEL	03/31/1946	10 Desta Drive Suite 100W, Midland TX 79705-4500	
370'	G	Conoco	Lynn B-1 #16	A	26	T23S	R36E	660' FNL, 660' FEL	09/23/1974	10 Desta Drive Suite 100W, Midland TX 79705-4500	
3720'	Inj.	Energien Resources	Langlie Lynn Queen Unit #14	B	26	T23S	R36E	660' FNL, 1980' FEL	08/11/1963		Return to injection
3780'	O&G	Energien Resources	Langlie Lynn Queen Unit #13	C	26	T23S	R36E	660' FNL, 1980' FWL	04/23/1963		
3385'	G	Conoco	Lynn B-1 #3	C	26	T23S	R36E	990' FNL, 1650' FWL	04/03/1949	10 Desta Drive Suite 100W, Midland TX 79705-4500	
3750'	O&G	Energien Resources	Langlie Lynn Queen Unit #12	D	26	T23S	R36E	660' FNL, 660' FWL	05/10/1963		Convert to injector
Loc.	Loc.	Energien Resources	Langlie Lynn Queen Unit #21	E	26	T23S	R36E	2130' FNL, 657' FWL	Loc.		Replace #17 producer
3725'	P&A	Energien Resources	Langlie Lynn Queen Unit #17	E	26	T23S	R36E	1980' FNL, 660' FWL	11/16/1964		
3700'	O&G	Energien Resources	Langlie Lynn Queen Unit #16	F	26	T23S	R36E	1980' FNL, 1980' FWL	10/06/1965		Convert to injector
3675'	TA	Energien Resources	Langlie Lynn Queen Unit #15	G	26	T23S	R36E	1980' FNL, 1980' FEL	03/06/1965		Convert to producer
3614'	G	Conoco	Lynn B-1 #1	J	26	T23S	R36E	2310' FSL, 2310' FEL	01/31/1929	10 Desta Drive Suite 100W, Midland TX 79705-4500	
Loc.	Loc.	Energien Resources	Langlie Lynn Queen Unit #22	K	26	T23S	R36E	1832' FSL, 1980' FWL	Loc.		Replace #19 producer
3725'	P&A	Conoco	Langlie Lynn Queen Unit #19	K	26	T23S	R36E	1980' FSL, 1980' FWL	02/16/1965		
3710'	O&G	Energien Resources	Langlie Lynn Queen Unit #18	L	26	T23S	R36E	1980' FSL, 660' FWL	10/14/1965		Convert to injector
3458'	G	Conoco	Lynn B-1 #4	M	26	T23S	R36E	990' FSL, 990' FWL	05/01/1949	10 Desta Drive Suite 100W, Midland TX 79705-4500	
3480'	G	Conoco	Lynn B-1 #7	A	27	T23S	R36E	990' FNL, 990' FEL	05/09/1948	10 Desta Drive Suite 100W, Midland TX 79705-4500	
3730'	Inj.	Energien Resources	Langlie Lynn Queen Unit #11	A	27	T23S	R36E	660' FNL, 660' FEL	07/16/1963		Convert to producer
3550'	P&A	HCW Exploration	George Etz #4	I	27	T23S	R36E	1650' FSL, 990' FEL	03/29/1949	P.O. Box 10565, Midland TX 79702	
3600'	O&G	Roca Petroleum	George Etz #6	P	27	T23S	R36E	660' FSL, 660' FEL	02/27/1966	P.O. Box 10139, Midland TX 79702	

ENERGEN RESOURCES, INC.

Langlie Lynn Unit #2
Lea County, NM

Current Conditions: 11/01/2001

Active Producer

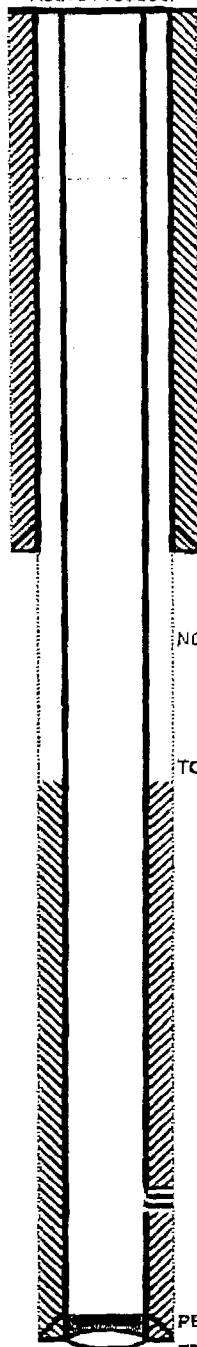
Conductor:
None

Surface Casing:
8-5/8" 32# H-40, ST&C
@ 330' in 12-1/4" hole
Cemented to surface
W/275 sx Regular Neal

Intermediate Casing:
None

Production Casing:
5 1/2" 15.50# J-55 ST&C
@ 3761' in 7-7/8" hole
200 Sx Regular Cement + 4% gal

GL Elevation: 3391'
KB Elevation: 3400.8, 9.6' ACHF
Location: 1980' FSL, 660' FEL,
Sec 22, T-23-S, R-36-E
Spud: 02/20/1960 Completed: 02/29/1960
API No: 30-025-09379



Tubing Detail (Last Available)

#Jts	O.D.	Thread	Type	Weight	Grade	TLA	Tally Dated:
118	2 3/8"	8 rd	EUE	4.7	J-55	3710.96	04/06/2001

Rod Detail (Last Available)

#Rods	Length	Size/Type	Pump	Ponies	PR	PRL	Date Run:
145	3625	3/4" D		1-3/4" x 6"	1-1/4" x 22"		04/06/2001
				2-3/4" x 8"			
			2"x1-1/2"x12' RWBC				

NOTE: Casing leak isolated from 570-602'. Repaired. (02/00)

TOC: 2768'

Perfs:

7 Rivers: 3590-3594' (02/60); 3510-16, 32-42, 65-73, 82-88 (90 degree phased JSPF 120 holes)(02/10/00)
7 Rivers: 3590-94'

Queen: 3626-30, 69-73, 85-91, 96-99'
3705-09, 13-16, 19-22, 28-32'

Top interval 4 JSPF, all others 2 JSPF
Frac W/ 27,000 gal lease oil + 1.5 ppg sand

PBD: Baffle @ 3741'

TD = 3765'

Note: 02/00-- Isolate csg leak, repair, add add'l 7 Rvrs perfs and return to production. Previously classified as T X A.

ENERGEN RESOURCES, INC.

Langlie Lynn Unit #11
Sandoval County, NM

Current Conditions: 11/05/2001

GL Elevation: 3378'
KB Elevation: 3386'
Location: 660' FNL, 660' FEL,
Sec 27, T-23-S, R-36-E
Spud: 07/09/1983
API No: 30-025-20521

Completed: 07/16/1963

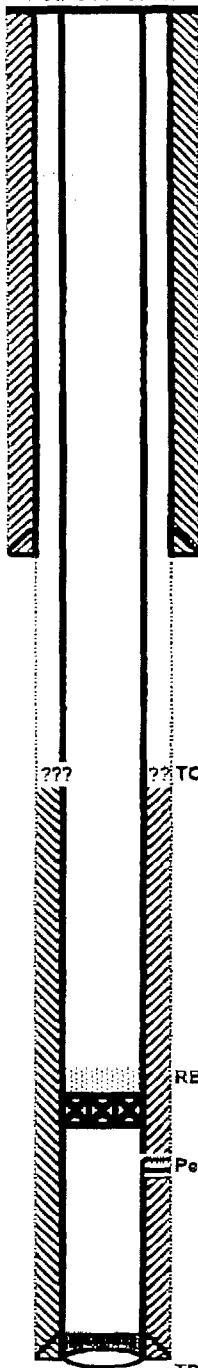
Active Producer

Conductor:
none

Surface Casing:
5/8" 24# Smis, ST&C
323' in 11" hole
cemented to surface
1/200 sx Cmt + 4% gel

Intermediate Casing:
none

Production Casing:
1/2" 9.50# J-55 ST&C
3730' in 6-3/4" hole
10 sx cement



Tubing Detail (Last Available)

#Jts	O.D.	Thread	Type	Weight	Grade	TLA	Tally Dated:
114	2-1/16"	10rd	IJ	3.25	J-55	3884	06/06/2001

Rod Detail (Last Available)

#Rods	Length	Size/Type	Pump	Ponies	PR	PRL	Date Run:
91	2275'	3/4" C used		1 KD-3/4" x 8			06/06/2001
7	175'	3/4" KD used		1 KD-3/4" x 4			
47	1175'	3/4" WCN "C"		1 KD-3/4" x 2	1-1/4 x 22'	-	
				1-1/2" x 1-1/4" x 16' RWBC			

Casing leak: 322-354' Squeezed (8/91)

TOC: unknown

Circulated casing with Conoco Packer Fluid (8/91)

RBP @ 3462', capped with 2 sacks sand
(Could not gel below 3493' with RBP)
(Inj Packer was set @ 3460')

Perfs:
3580-82, 84-86,
3602-04, 20-22, 41-42, 44-46, 56-58, 64-66,
3676-79, 86-88, 90-92, 96-98' (2-JSPF 7/63)
Frac: 40,000 gal lease oil + 80,000# sand (7/63)

TD = 3730'

Grace Petroleum Corporation

State of New Mexico A A/C-1 No. 6

Lea County, NM

GL Elevation: 3374'

KB Elevation: ?

Location: 990' FNL X 990' FEL

Unit A Sec 22, T-23-S, R-36-E

Current Conditions: 11/06/2001

Spud: 06/16/1973

Completed: 07/05/1973

API No: ?

Plugged & Abandoned

Conductor:

None

Surface Casing:

8-5/8" 20#, H-40 @ 331'

Hole Size: 12"

Cemented to surface

w/ 170 sx

Plug #4 Spotted 15 sx cmt @ surface

Cut off wellhead & installed marker

331'

Cmt Plug #3 331-240' w/ 35 sx cmt

Cmt Plug #2 381-330' w/ 35 sx cmt

Intermediate Casing:

None

Plugged 05/18/1979

TOC: Unknown

Plug #1 2500-2390' w/ 35 sx cmt

Cut 4-1/2" csg @ 2506' LD 75 Jts

CIBP @ 3000' (w/ 10 sx cmt on top)

Tansil-Yates-7 Rvrs Perfs: 3038-3149'

Production Casing:

4-1/2" 9.5#, J-55 @ 3293'

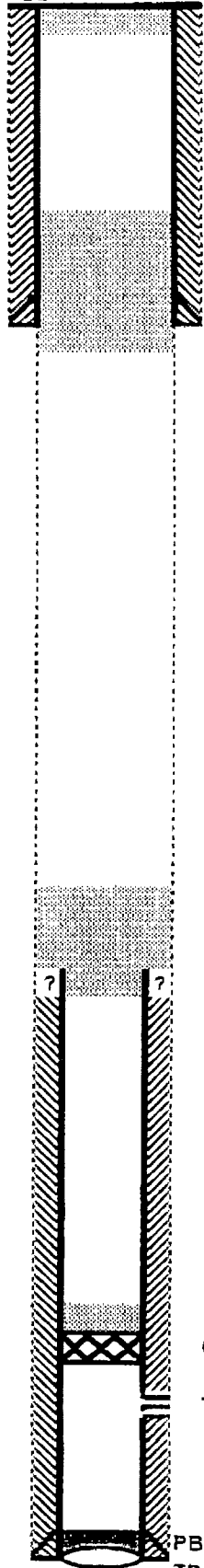
Hole Size: 7-7/8"

Cemented w/ 175 sx

TOC: Unknown

PBD: 3292'

TD: 3300'



Grace Petroleum Corporation

State of New Mexico AA No. 5

Lea County, NM

GL Elevation: ?

KB Elevation: 3391'

Location: 1980' FNL X 1980' FEL

Unit G Sec 22, T-23-S, R-36-E

Spud: 07/03/1960

Completed: 08/03/1960

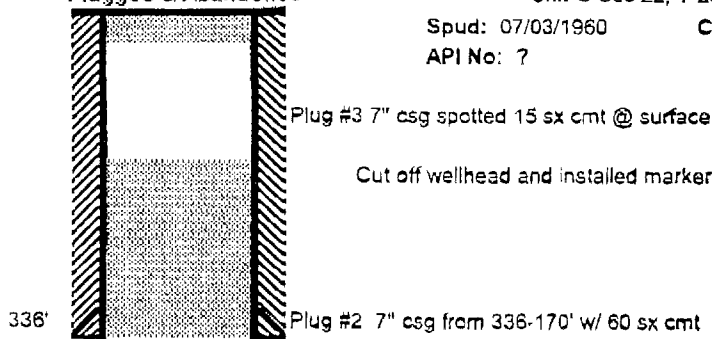
API No: ?

Current Conditions: 11/06/2001

Plugged & Abandoned

Conductor:
None

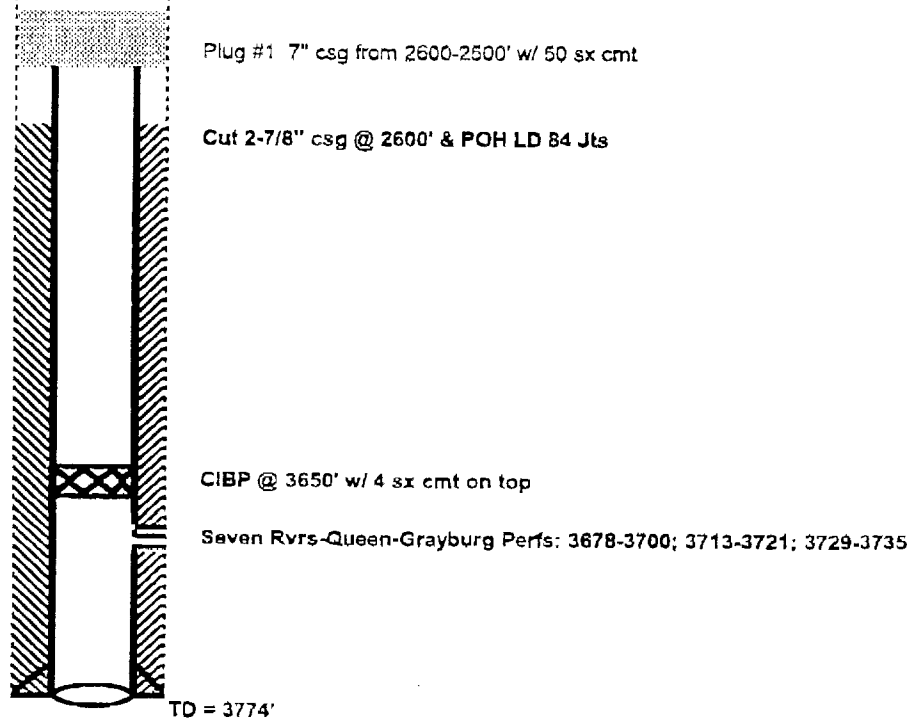
Surface Casing:
8 Jts 7" 20#, @ 336'
Hole Size: 9-7/8"
Cemented to surface
w/ 200 sx w/ 5% Gel



Intermediate Casing:
None

Plugged 05/15/1979

TOC: 2800' calculated



Production Casing:
122 Jts 2-7/8" 6.5#, J-55 @ 3774'
Hole Size: 6-1/4"
Cemented w/ 200 sx + 4% Gel
TOC: 2800' calculated

Conoco
LYNN B-1 No. 2
Lea County, NM

Current Conditions: 11/06/2001

GL Elevation: ?
KB Elevation: 3364'
Location: 990' FNL X 990' FEL
Unit A Sec 26, T-23-S, R-36-E
Spud: 03/10/1948 Completed: 03/31/1948
API No: ?

Conductor:
None

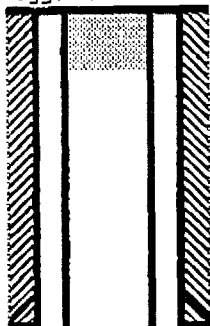
Surface Casing:
7-5/8" @ ??
Hole Size: Unknown
Cemented to surface
w/ 500 sx

Intermediate Casing:
None

TOC: Unknown

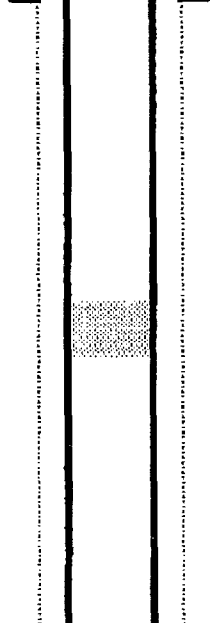
Production Casing:
5-1/2" @ 2784'
Hole Size: Unknown
Cemented w/ 500 sx
TOC: Unknown

Plugged & Abandoned

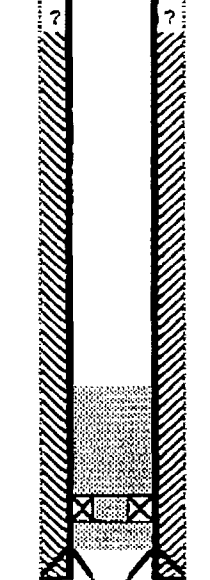


Plug #3 5-1/2" csg from 98-0' w/ 10 sx cmt

Plugged & Abandoned 04/12/1977



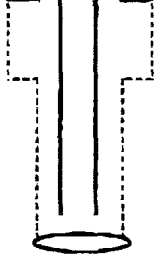
Plug #2 5-1/2" csg from 1284-1150 w/ 25 sx cmt



Plug #1
Cmt retainer @ 2709' cmt plug from 2700-2497', quantity of cmt unknown

Original OH 2784-3350' Tansil-Yates-Seven Rvrs

12/62 Well deepened to 3675', set liner @ 3674', perf'd liner 2737-38, 2940-41 w/ 4 JSPF
Sqz'd throug perms w/40 sx cmt, DO cmt from 2730-2942', resqz'd perms w/ 70 sx.
DO cmt to 2928, liner was collapsed. Unable to recomplete.



TD = 3675' (original TD 3350')

HCW EXPLORATION

George Etz No. 4
Lea County, NM

GL Elevation: 7
KB Elevation: DF 3380'
Location: 1650' FSL X 990' FEL
Unit 1 Sec 27, T-23-S, R-36-E
Spud: 03/05/1949 Completed: 03/29/1949
API No: ?

Current Conditions: 11/06/2001

Plugged & Abandoned

Conductor:
None

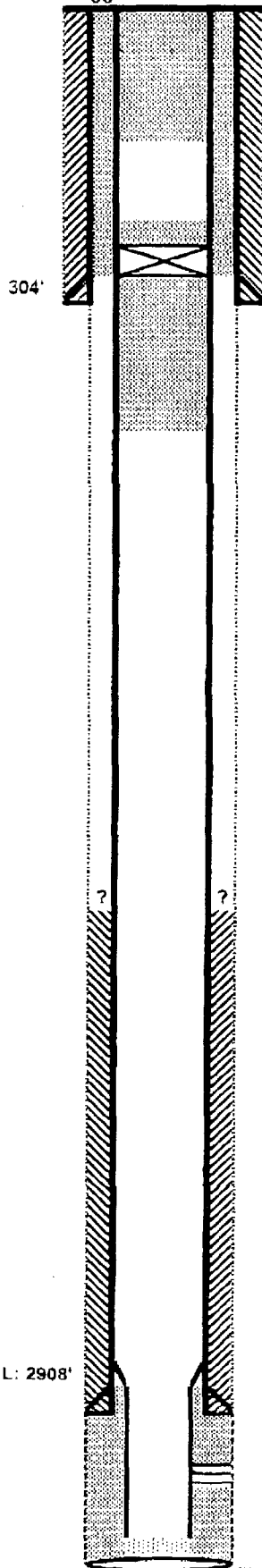
Surface Casing:
8-5/8" 32# @ 304'
Hole Size: 11"
Cemented to surface
w/ 150 sx

Intermediate Casing:
None

TOC: Unknown

Production Casing:
5-1/2" 14# @ 2970'
Hole Size: 6-3/4"
Cemented w/ 400 sx
TOC: Unknown

Production Liner: (07/55)
4-1/2" from 2908-3450'
cmt w/ 125 sx



Plug #3 Opened 5-1/2" annulus & squeezed 200 sx

Plug #1 Cmt Ret set @ 286', 5-1/2" x 8-5/8" annulus from 286-0' w/ 160 sx

Plug #2 Sqz'd 500 sx cmt below reainer and spotted 35 sx on top of CR

Plugged & Abandoned 10/16/1984

CONOCO

Lynn B-1 No. 1
Lea County, NM

Current Conditions: 11/06/2001
Active Producer

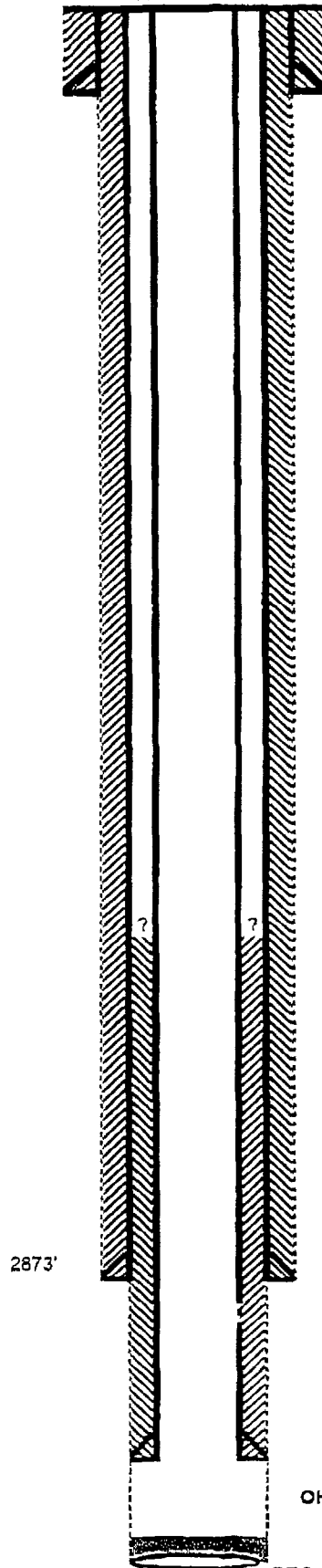
GL Elevation: ?
KB Elevation: DF 3390'
Location: 2310' FSL X 2310' FEL
Unit J Sec 26, T-23-S, R-36-E
Spud: 07/28/1928 Completed: 01/31/1929
API No: 30-025-942500

Conductor:
20" @ 41'
Hole Size: 20"
Cement to Surface
w/ 76 sx

Intermediate Casing:
8-1/4" @ 2873'
Hole Size: Unknown
Cemented w/ 300 sx
TOC: Unknown

TOC: Unknown

Production Casing:
7" @ 3148"
Hole Size: Unknown
Cemented w/ 100 sx
TOC: Unknown



OH 3148-3458' Tansil-Yates-Seven Rvrs

PBD: 3458'
TD = 3614'

ARCO

Lankford No. 3 Lea County, NM

Current Conditions: 11/06/2001
Plugged & Abandoned

GL Elevation: 3364'
KB Elevation: 7'
Location: 660' FNL X 660' FWL
Unit D Sec 25, T-23-S, R-36-E
Spud: 04/02/1981 Completed: 05/08/1981
API No: 30-025-27248

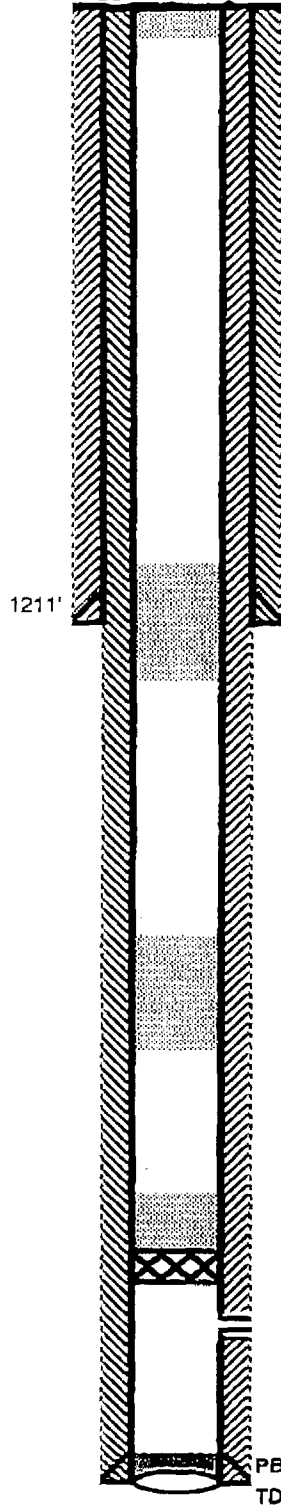
Conductor:
None

Surface Casing:
8-5/8" 24#, K-55 @ 1211'
Hole Size: 12-1/4"
Cemented to surface
w/ 850 sx Class "C" + additives
(circulated 160 sx)

Intermediate Casing:
None

TOC: Unknown

Production Casing:
5-1/2" 15.5#, K-55 @ 3724'
Hole Size: 7-7/8"
Cemented w/ 850 sx
(circulated 140 sx)
TOC: Surface'



Plug #4 5-1/2" casing from 30-0' w/ 10 sx cmt

Installed dry marker.

Plugged 06/06/1989

1211'

Plug #3 5-1/2" casing from 1353-1106' w/ 25 sx cmt

Plug #2 5-1/2" casing from 2996-2635' w/ 35 sx cmt

Plug #1
CIBP @ 3385' w/ 25 sx cmt on top (TOC 3138')

Seven Rvrs-Queen Perfs: 3445, 50, 64, 70, 84, 88, 3504, 14, 20, 27, 32,
53, 59, 64, 70, 78, 87, 92, 3633, 42, 47, 52, 64

PBD = 3681'
TD = 3750'

ARCO PERMIAN

Sinclair A State No. 9

Lea County, NM

GL Elevation: ?

KB Elevation: 3379'

Location: 660' FSL X 660' FEL

Unit P Sec 23, T-23-S, R-36-E

Spud: 12/18/1963

Completed: 12/30/1963

API No: NA

Current Conditions: 11/06/2001

Plugged & Abandoned

Conductor:
None

Surface Casing:
8 Jts 8-5/8" 24#, J-55 @ 277'
Hole Size: 11"
Cemented to surface
w/ 150 sx Incor 50/50 Poz w/ CaCl2

277'

Plug #3 Pumped down 5-1/2" casing thru hole @ 550-0' w/ 200 sx cmt

Intermediate Casing:
None

Plugged 02/26/1988

Plug #2 Cement Retainer set @ 620' squeezed from 700-590 w/ 150 sx
Dumped 30' on top

Hole in csg @ 700

TOC: Unknown

?

?

Plug #1 4-1/2" csg from 3340-2900' w/ 50 sx

CIBP @ 3340' (w/ 50 sx cmt on top TOC=2900')

Seven Rvrs-Queen-Grayburg Perforations:

Perfs: 3385, 90, 93, 97, 3400, 10, 12, 14, 16, 19 (10 shots)(02/85)

CIBP @ 3460'

Perfs: 3480, 86, 91, 97, 3507, 16, 25, 34, 38, 46 (1 shot each) (09/70)

Perfs: 3591, 3605, 08, 12, 16, 23, 28, 35, 37 (12/63)

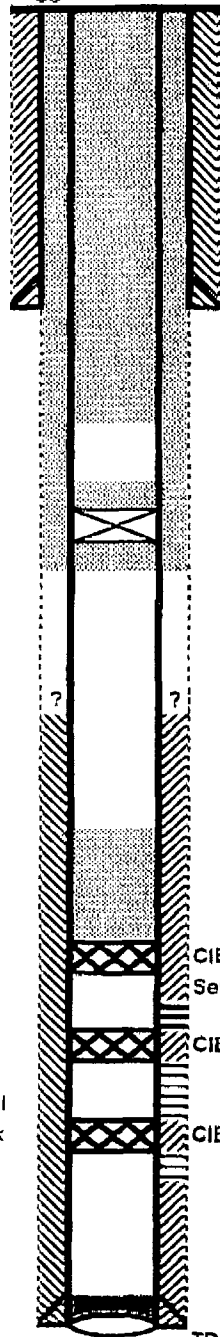
CIBP @ 3642'

Perfs: 3646-3654 (01/64)

Perfs: 3664-3668 (01/64)

Production Casing:
120 Jts 4-1/2" 9.5# @ 3750'
Hole Size: 7-7/8"
Cemented w/ 200 sx 50/50 Poz 4% gel
and 50 sx Regual Neat w/45 gal Latex
TOC: Unknown

TD = 3750'



ARCO PERMIAN

Sinclair A State No. 1
Lea County, NM

Current Conditions: 11/06/2001
Active Producer

GL Elevation: ?
KB Elevation: ?
Location: 1650' FSL X 990' FEL
Unit I Sec 23, T-23-S, R-36-E
Spud: 07/23/1949 Completed: 08/12/1949
API No: 30-025-09366

Conductor:
None

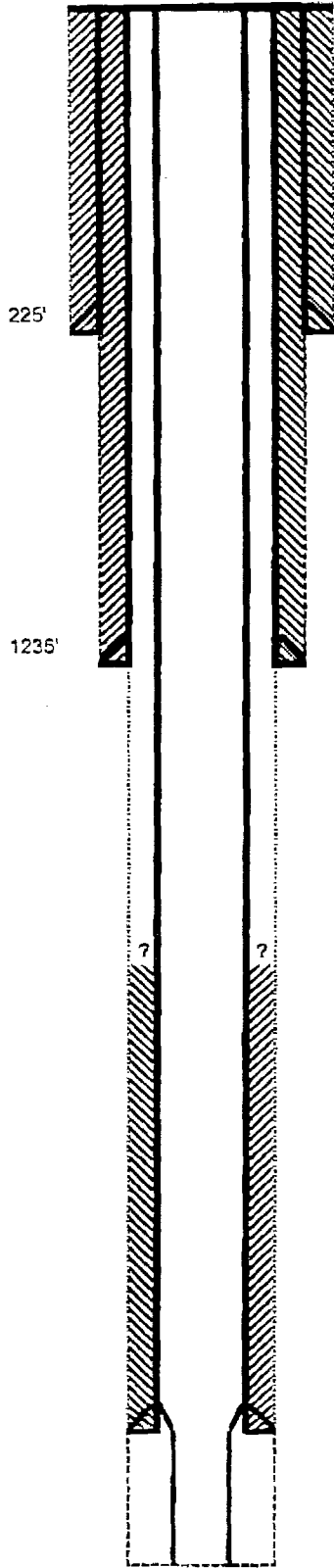
Surface Casing:
10-3/4" 32.75# @ 225'
Hole Size: Unknown
Cemented to surface
w/ 200 sx

Intermediate Casing:
7-5/8" 26# @ 1235'
Hole Size: Unknown
Cemented w/ 500 sx
COC: Surface'

OC: Unknown

Production Casing:
1-1/2" 14# @ 2770'
Hole Size: Unknown
Cemented w/ 600 sx
OC: Unknown

Production Liner: (09/19/97)
1-1/2" @ 3300'
Int ??
OL: 2695'



Tubing Detail (Last Available)

#Jts	O.D.	Thread	TAC/Depth	Weight	Grade	TLA
	2-3/8"	na		na	na	2959'

OH 2770-3300' Tansil-Yates-Saven Rvrs

TD = 3300'

RAPTOR RESOURCES INC.

State of New Mexico A/C-1 No. 26

Lea County, NM

GL Elevation: 3353'

KB Elevation: ?

Location: 1650' FNL X 1650' FEL

Unit G Sec 23, T-23-S, R-36-E

Spud: 12/15/1948

Completed: 02/01/1949

API No: 30-025-09392

Current Conditions: 11/07/2001

Shut In Producer

Conductor:
None

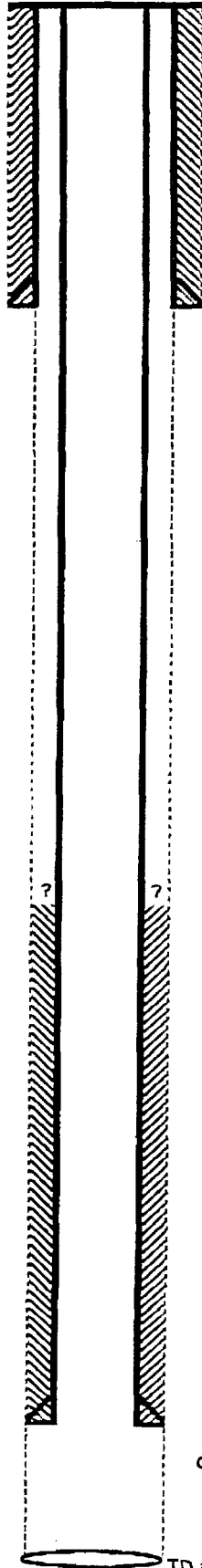
Surface Casing:
13-3/8" 32.4#, Naylor Spiral @ 283'
Hole Size: Unknown
Cemented to surface
w/ 350 sx

283'

Intermediate Casing:
None

TOC: Unknown

Production Casing:
8-5/8" 28#, @ 2789'
Hole Size: Unknown
Cemented w/ 1200 sx
TOC: Unknown



Repaired casing leak found at 1608-1610' (08/50)

OH 2789-3148' Tansil-Yates-Seven Rvrs

TD = 3148'

RAPTOR RESOURCES INC.

State of New Mexico A/AC-1 No. 27

Lea County, NM

GL Elevation: 7

KB Elevation: DF 3368'

Location: 1650' FNL X 1650' FWL

Unit F Sec 23, T-23-S, R-36-E

Spud: 03/05/1949

Completed: 04/01/1949

API No: 30-025-09393

Current Conditions: 11/07/2001
Active Producer

Conductor:
None

Surface Casing:
12-1/2" 50# @ 276'
Hole Size: 17"
Cemented to surface
w/ 350 sx

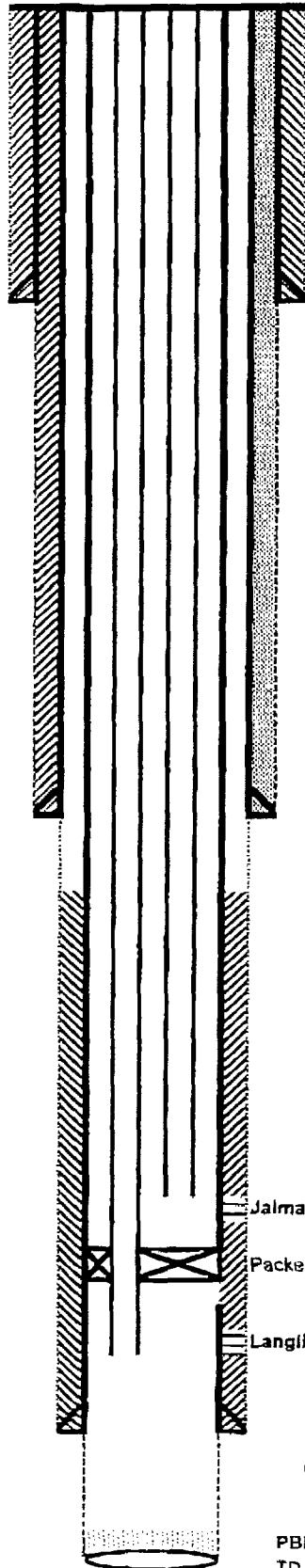
276'

Intermediate Casing:
5-5/8" 28# @ 2880'
Hole Size: 11"
Cement w/ 600 sx
TOC: Unknown

TOC: 2950'

Production Casing: (run 1958)
18 Jts 7" 23# & 20# @ 3663'
Hole Size: 7-7/8"
Cemented w/ 140 sx
TOC: 2950'

Logging:
@ 2998' (gas string)
@ 3532' (oil string)



Jalmat Gas Perfs: 3002-3038, 3042-3054, 3064-3108, 3114-3124, 3156-3170, 3172-3186 (06/58)

Packer @ 3220'

Langlie Mattix Oil Perfs: 3502-3513, 3538-3550 (06/58)

OH 2880-3653' Tansil-Yates-Seven Rvrs (original OH 2880-3260')

PBD: 3553'

TD = 3670' (Original TD 3260')

CLAYTON WILLIAMS ENERGY

State of New Mexico A A/C-1 No. 1
Lea County, NM

Current Conditions: 11/07/2001

Plugged & Abandoned

GL Elevation: 3413'

KB Elevation:

Location: 330' FSL X 2310' FWL

Unit N Sec 22, T-23-S, R-36-E

Spud: 01/08/1929

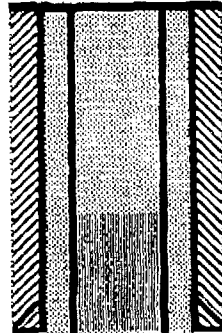
Completed: 06/05/1929

API No: 30-025-09381

Conductor:
None

Surface Casing:
9-5/8" @ ??

Cut csg 3' below GL and installed P X A marker

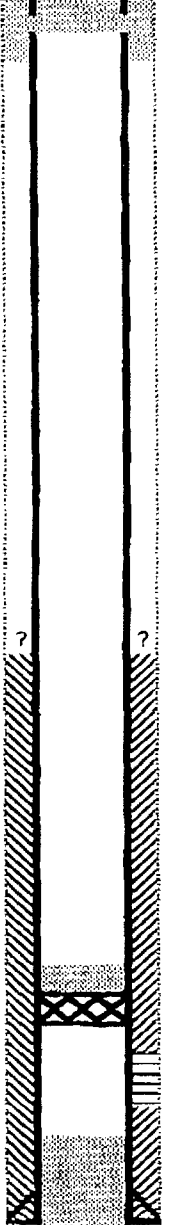


Cmt Plug #1 Perf'd 7" csg @ 370'(2 SFP). Pumped 130 sx Class "C" v
down 7" csg and up 7" x 0-5/8" annulus
(circulated 10 sx to surface)

Intermediate Casing:
None

Plugged & Abandoned 06/22/1993

TOC: Unknown



CIBP @ 3120' (w/ 35' cmt)

Tansil-Yates-7 Rvrs Perfs: 3155, 3275, 3530, 3560 (1929)

Tansil-Yates-7 Rvrs Perfs: 3465-3475; 3505-3515; 3550-3560; 3565

Production Casing:
7" 24#, Nat'l Seamless @ 4234'
Hole Size: Unknown
Cemented w/ 300 sx
TOC: Unknown

Originally 6-1/4" OH 4234-5095'

Drilled to 5095' casing set @ 4234' before being plugged back

PBD: 3620' (w/ 450 sx); 3085' (35' cmt on CIBP); 0' (cmt plug)
TD: 5095'

Grace Petroleum Corporation

State of New Mexico AA No. 3

Lea County, NM

GL Elevation: ?

KB Elevation: DF 3378'

Location: 2310' FNL X 330' FEL

Unit H Sec 22, T-23-S, R-36-E

Spud: 12/16/1959

Completed: 12/24/1959

API No: ?

Current Conditions: 11/07/2001

Plugged & Abandoned

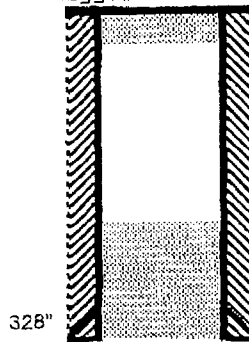
Conductor:
None

Surface Casing:
7-5/8" 26.4# @ 328'
Hole Size: 9-7/8"
Cemented to surface
w/ 175 sx

Intermediate Casing:
None

TOC: Unknown

Production Casing:
2-7/8" 6.5# @ 3629'
Hole Size: 6-3/4"
Cemented w/ 200 sx
TOC: Unknown



Cmt Plug #3 7-5/8" Spotted 15 sx smt @ surface

Cut off wellhead & installed marker

Cmt Plug #2 7-5/8" casing from 378-220' w/ 60 sx cmt

Cmt Plug #1 Set 100' cmt plug from 1600-1500' w/ 30 sx

Cut off 2-7/8" csg @ 1900' but could not pull, cut off @ 1600' and POOH

Plugged 05/11/79

CIBP @ 2890' w/ 4 sx cmt on top

Sever Rvrs-Queen-Grayburg Perfs: 3613-3621

TD = 3630'

ENERGEN RESOURCES, INC.

Langlie Lynn Unit #23

Lea County, NM

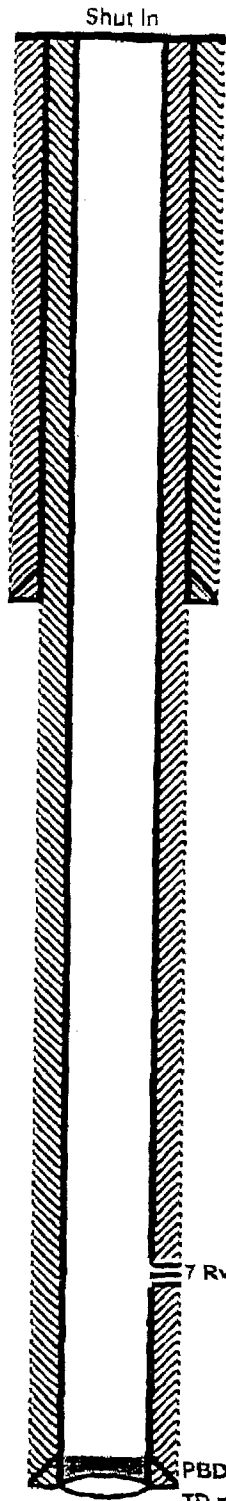
Current Conditions: 11/07/2001

Conductor:
one

Surface Casing:
Jts 3-5/8" 24#, J-55, ST&C
@ 338' in 12-1/4" hole
cemented to surface
1/225 sx"C" + 2% CaCl2

Intermediate Casing:
one

Production Casing:
Jts 5 1/2" 15.50# J-55 LT&C
3842' in 7-7/8" hole
10 sx 50/50 Poz "C" + 10% gel, 5% salt
225 sx 50/50 Poz "C" + 5% salt
cement Circulated



GL Elevation: 3387'
KB Elevation: 3399'
Location: 1863' FSL X 1950' FEL
Unit J Sec 22, T-23-S, R-36-E
Spud: 02/13/2000 **Completed:**
API No: 30-025-34919

07/11/00: Installed 5-1/2" collar, 5-1/2" x 2" csg swage & 2' ball valve
Pumped 100 bbls of filtered 2% KCL water W. 2% of Chem-Hib-370.

Well T X A'd 07/10/2000

7 Rvrs-Queen Perfs: 3526, 28, 36, 38, 40, 64, 66, 68, 82, 85, 98, 3706, 22, 24, 26
3728, 32, 34, 40, 48, 50, 63, 65, 67, 80, 90, 92, 96, 98
(120 degree phased JSPF 87 holes over the 29 intervals)

PBD:
TD = 3842'