

NEW MEXICO-N
SANDOVAL CO.
WILDCAT (WF)



Petroleum Information

CORPORATION

A Subsidiary of A.C. Nielsen Company

Twp 19n-2w
Section 30
nw ne
330 fml 1650 fel

OPR: Filon Exploration

WELL: 1 Federal-30

El: 6834 KB

DSTS & CORES

Spud 6-29-76 Comp 7-19-76

Log Tops:
Menefee 1004
Pt Lookout 1837
Mancos 1958
Gallup 2694
Greenhorn 3907
Graneros 3975
Dakota 4152
Morrison 4295
Entrada 5158

No cores. DST 3000-3200, op
30, SI 45, op 60, SI 120, rec
5 mud, FP 26-26, 26-26, SIP
66-106, HP 1464-1451. DST
5121-76, op 30, SI 45, op 60,
SI 60, rec 4050 wtr, 150 MCW
FP 232-1335, 1289-1873, SIP
1951-1954, HP 2475-2462.

5376 TD

Csg: 10 3/4 @ 215 w/250

Init Prod: DGA

(RE-ISSUED CARD). Replaces temp card NM-N4-672390

PI Base Map NMB-7A

Contr: Loffland

API 30-043-20226

NM-N7-670390

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FORM NO. 327

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U. S. GEOLOGICAL SURVEY

ELECTRIC LOG

NEW MEXICO
SANDOVAL CO.
WILDCAT

PETROLEUM INFORMATION
DENVER, COLO.
(1-26-52)

TWP 19N-3W
SECTION 22
SE SE SW

(330 N/S 2310 E/W)

OPERATOR: CORNELL OIL & GAS WELL No: 1 MOORE

COMMENCED: 6-21-51 (RESUMED) / COMPLETED: 11-1-51 APPROX.

TOTAL DEPTH: 1570, OTD 1275

ELEVATION:

CASING: 10-3/4" AT 30 W/200 SX,
7" AT 700.

PLUGGED AND ABANDONED

SV Tops
O.W.D.D.
TD 1570'

REMARKS:

DEA

NEW MEXICO-N
SANDOVAL CO.
MEDIA (D)



Petroleum Information.

INCORPORATION
A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 22
SW NE
1980 fml: 1980 fel

Opr: Don C. Wiley et al

Well : 7 Federal-Media

Elev: 6842-KB

Tops: Log

Mesaverde 375
Mancos 2058
Gallup 2784

Tops checked 3/11/76

KmV 375' +6468'
Kmf 1204' +5639'
PL 1968' +4875'
KmV 2130' +4713'
M 2100' +4743'
KmV 2784' +4061'
G 2784' +4059'
Kg 3124' +3719'
Km 3332' +3507'

Dsts & Cores:

No cores or tests. 7

*Sidewall Core - @ 1347, 1349
1351, 1401, 1404, 1441, 1501, 1511
1513, 1522, 1528, 1536, 1539
1541, 1542, 1543, 1544, 1545*

Spud: 6-18-69 Comp: 12-1-69

TD: 3445

PB:

Csg: 8 5/8 @ 211 w/150
4 1/2 @ 3445 w/300

Perf:

Prod Zone:

Init. Prod: Temp Abnd

Map NMB-7A

Contr:

Loffland

NM-N22-963221

Log in file

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NEW MEXICO-N
SANDOVAL CO.
MEDIA (D)



Petroleum Information.

CORPORATION
A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 22
se ne
1650 fnl 660 fel

Opr: Don C. Wiley; Fluid Power Pump Well : 5 Federal-Media

Elev: 6865-KB 6967' KB Dsts & Cores:

Tops: Log

Lewis surf
Manbos 2102
Gallup 2792
Dakota 4218
Todilto 5222
Entrada 5328

No cores or tests.

Spud: 6-1-69 Comp: 9-21-69

TD: 5379 PB: 3380

Csg: 8 5/8 @ 200 w/150
4 1/2 @ 3433 w/322

Perf: 3290-94, 3300-04, 3318-22,
3330-38, 3363-71, 3374-78 w/2 pf. Acidized. Sdwtrfract. Perf 3176-82,
3188-92, 3198-3202, 3210-16, 3224-31 w/2 pf. Acidized. Sdwtrfract.
Perf 2964-72, 2984-92, 3006-14, 3024-32, 3046-58 w/2 pf. Acidized.
Sdwtrfract. Perf 2784-98, 2812-16, 2824-28, 2836-50, 2870-76, 2890-
2900, 2904-10 w/2 pf. Acidized. Sdwtrfract.

Prod Zone: Gallup 2784-3378

Init. Prod: IPF 5 BOPD, FTP 20#.

Over for Tops

Map NMB-7A Contr: Loffland

NM-N4-965211

Log in file *inj*

NEW MEXICO-N
SANDOVAL CO.
MEDIA-ENTRADA (DO)



Petroleum Information.

CORPORATION
A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 22
se nw "F"
1650 fnl 2310 fwl

Opr: Petro-Lewis Well : 6-22 Boling-Federal

Elev: 6859-Gr 5572' KB Dsts & Cores:

Tops: Log

Cliff House 445'
Menefee 1020 1186'
Greenhorn 4040 4038'
Graneros 4070 4080'
Dakota 4250 4256'
Morrison 4488 4300'
Todilto 5220 5218'
Entrada 5306 5307'

No cores.
DST 5290-5303, SI 30 min,
op 30 min, SI 1 hr, rec 880
oil, FP 743-981#, HP 1907-
1907#.

Spud: 7-12-74 Comp: 9-1-74

TD: 5495 PB: 5409

Csg: 10 3/4 @ 257 w/200
7 @ 5274, liner to T.D.

Perf: 5296 w/2 pf. Perf 5300-15
w/1 pf.

Prod Zone: Todilto-Entrada 5296-
5313.

Init. Prod: IPP 677 BOPD

Map NMB-7A Contr: Four Corners

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IDN 30-043-20149

NM-N4-473001

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NEW MEXICO-N
SANDOVAL CO
MEDIA-ENTRADA (DO)



Petroleum Information

A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 22
sw ne
1335 fnl 1980 fel

OPR: PETRO-LEWIS CORP

WELL: 7-22 MILLER-FEDERAL,

EI: 6860 KB.

DSTS & CORES

Log Tops:

No cores or tests.

Cliff House 405,
Menefee 1000,
Pt Lookout 1810,
Mancos 2150,
Hospah 2720,
Gallup 3192,
Greenhorn 3985,
Graneros 4060,
Dakota 4230,
Morrison 4440,
Summerville 5080,
Todilto 5205,
Entrada 5280.

Spud 12/27/75. Comp 4/12/76.

5466 TD.

Csg: 10 3/4 @ 228 w/225,
7 @ 5266 w/835,
4 1/2 lnr @ 5105-5465 w/50.

Perf 5295-5302 w/4 pf.

Prod Zone: Entrada 5295-5302.

Init Prod: IPP 901 BO, 200 BWPD,
(natural).

PI Base Map NMB 7A.

Contr: Cactus.

API 30-043-20193.

NM-N1-676050

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NEW MEXICO-N
SANDOVAL CO.
MEDIA (DO)



Petroleum Information

A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 22
ne nw "C"
400 fnl 1980 fw1

Opr: *Petro Lewis*
Fluid Power Pump Co

Well: *#5 Boiling*
S-Fluid Power Pump

Elev: 6910 KB *OK*

Dsts & Cores:

Tops: Log

Crd 5343-86, rec 43 sd, oil sat.
No tests.

Lewis surf
Mesaverde 480'
Menefee 1260'
Pt Lookout 2018
Mancos 2480
Gallup 2894
Lower Mancos 3550
Greenhorn 3990
Graneros 4154
Dakota 4320
Morrison 4534
Todilto 5292
Entrada 5342

+6430'
+5650'
+4892'
+4700'
+4016' Ker 3234 + 3676'
+3464' K52w 3240 + 3050' Ker 3994 + 3016'
+2534' - Ker 4117' + 2796'
+2250'
+2592' - K52w 4490' + 2420'
+2110' - J 4720' + 2190'
+1620'
+1566'

Spud: 4-14-72 Comp: 6-15-72

TD: 5450 PB:

Csg: 10 3/4 @ 241 w/180
7 @ 5450 w/350

Perf: 5346-76 w/2 pf. Acidized.

Prod Zone: Entrada 5346-76

Init. Prod: IPP 480 BO, 1440 BWPD.

Map NMB-7A

Contr: Loffland

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IDN 30-043-20092

NM-N3-277270

Log in file

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Well: # 3 Federal Medicine Sec: 22 T. 19N R. 3W
 Operator: Don C Wiley Co. Sandoval
 Date: 6/14/69 ⁴²⁰ Ft. fr. NL 1690 Ft. fr. EL
 T. D. 5346' Elev. G. L. 6869'
 I. P. _____ D. F. _____
 Remarks: _____ K. B. 6882' Datum

Log in file

Log Tops <u>Checked 7/15/71 (2/12/76)</u>					
Kmv	422'	+6460'	Kd 2A	4232'	+2650'
Kmf	1166'	+5716'	Kd 2B	4385'	+2497'
Kpl	1964'	+4884'	Kd 2C	4344'	+2528'
		+4918'		4437'	+2445'
Kmv	2136'	+4746'	Jm	4436'	+2446'
			J	4609'	+2213'
Kgw	2818'	+4064'	Jt	5241'	+1641'
	3994'	+2838'		5216'	+1566'
Kgh	3922'	+2960'	Je	5312'	+1565'
	4032'	+2850'			
Kgr	4070'	+2862'	Top of O.I.	5266'	+1616'
Kd 2A	4070'	+2812'			
Gkd	4074'	+2808'	O/I Cont	5318'	+1564'

NEW MEXICO-N
 SANDOVAL CO.
 SW MEDIA-ENTRADA



Petroleum Information
 CORPORATION

A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
 Section 22
 ne 1/4
 400 fml 1980 fwl

OPR: Petro-Lewis

WELL: 5-22 Fluid Power Pump

El: 6896 Gr

DSTS & CORES

Csg:

Init Prod: Susp Loc

(CARD WILL BE RE-ISSUED WHEN DATA AVAILABLE)

PI Base Map NMB-7A

Contr: not reported

API 30-043-20092

NM-N2-874190-A

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FORM NO. 327 **LIVE**

NOV 14 1978

U. S. GEOLOGICAL SURVEY

NEW MEXICO-N
SANDOVAL CO.
MEDIA (D)

P I Petroleum Information.
CORPORATION
A Subsidiary of A.C. Nelson Company

Twp 19n-3w
Section 22
ne ne
660 fml 660 fel

Opr: Don C. Wiley et al

Well : 8 Federal-Media

Elev: 6870 KB

Tops: Log 6871 KB

Mesaverde 393
Mancos 2116
Gallup 2798

Dsts & Cores:

No cores or tests.

Sidewall core D 1252'

1254, 1274, 1310, 1423, 1427,

1424, 1432, 1434, 1453,

1466, 1470, 1474, 1512,

1522, 1532, 1558, 1560,

1572, 1574, 1578, 1604,

1606, 1634, 1644, 1691, 1706

1714, 1772, 1776, 1782, 1792

1796, 1822, 1824, 1830, 1834

Contr: Loffland

Spud: 6-24-69

Comp: 12-1-69

TD: 3421

PB:

Csg: 8 5/8 @ 210 w/150
4 1/2 @ 3421 w/175

Perf: 7

Prod Zone:

Init. Prod: Temp Abnd

NM-N23-963221

Log in File

NEW MEXICO-N
SANDOVAL CO.
MEDIA (W)

P I Petroleum Information.
CORPORATION
A Subsidiary of A.C. Nelson Company

Twp 19n-3w
Section 22
se ne
1590 fml 570 fel

Opr: Don C. Wiley et al

Well : 6 Federal-Media

Elev: 6865 KB

Tops: Log 6866 KB

Menefee 1118
Pt. Lookout 1958

Dsts & Cores:

No cores or tests.

Core 1604-1624 - gray

Sandstone, fine to medium

grain, carbonaceous

16081-1621

Core 1640-1710 - gray

Sandstone, very fine to

very shaley intervals at 1697-99

17031-17041 and 1707-08 and

lignite str. at 1702-03

Contr: Loffland

Spud: 6-17-69

Comp: 12-1-69

TD: 2100 ?

PB:

Csg: 8 5/8 @ 211 w/150
4 1/2 @ 2050 w/440

Perf: 1606-09, 1611-14, 1618-21
w/3 pf. Acidized.

Prod Zone:

Init. Prod: Temp Abnd. Shut down

NM-N21-963221

Log in File

Map NMB-7A

NOV 14 1978

U. S. GEOLOGICAL SURVEY

NEW MEXICO-N
SANDOVAL CO.
MEDIO, SE (D)

ELECTRIC LOG

PETROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 19n-3w
Section 23
NW NE
330 s/n 2310 w/e

OPR: Harry L. Bigbee

WELL #: 1 Flim

ELEV: 6854 DF ~~6854 KB~~
TOPS: Log-Sample ~~6854 KB~~
Mesaverde 390
Mancos 2068
Gallup 2792
Tocito 3150
Mancos 3298

DSTS. & CORES:
DST 3140-3366, 1 hr, no
rec, FP 0-0#, SIP (30
min) 70#, wtr fract.

SPUD: 11-2-62 COMPL: 11-28-62
TD: 3366 PB:
CSG: 8-5/8" @ 133 w/65
5 1/2" @ 2720 w/50

PERF:

Handwritten:
SUTops
2792 + 3902 T.
3316 + 3488
1886: + 4134 to 4248

Handwritten:
M 290' + 446'
P 1752' + 4401'
M 290' + 446' + 447' + 448' + 449' + 450'
G 2792' + 4067'

Handwritten: P & A

PROD. ZONE: Gallup 2720-3366 (open
hole - Upper Mancos,
Gallup, Tocito, Lower
*Mancos)
INIT. PROD: IPP 72 BOPD, 45 BWPD,
37.6 gty, gas est 50
MCFGPD.

I.P.P.: 72 BOPD + 45 Contr: Lohmann-Johnson
BWPD

+ Est 50 MCFGPD

Handwritten: Log in file

Map #NMB-7A

NM-N8-261121

NEW MEXICO-N
SANDOVAL CO.
MEDIA-GALLUP (WOE)



Petroleum Information

CORPORATION

A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 23
NW SW
1650 fsl 760 fwl

OPR: Rijan Oil

WELL: 1 PLR Inc

Elev: 6772 KB
Tops: Log

Lewis surf
La Ventana 280
Menefee 1178
Point Lookout 1862
Mancos 2006
Gallup 2690

DSTS & CORES
No cores or tests.

Spud: 3-22-77 Comp: 6-15-77
TD: 3259 PB: 3195
Csg: 8 5/8 @ 126 w/80
5 1/2 @ 3250 w/1375

Perf: 2696-2708, 2716-24, 2890-96,
2984-90, 3034-40, 3044-48, 3118-
24, 3146-60, 3172-78 w/2 pf.
Fract w/70,000 gal wtr, 90,000 sd.

Prod Zone: Gallup 2696-3178 (gross)

Init Prod: IPP 15 BOPD, gty 38.
(GALLUP EXTENSION-MEDIA FIELD)

Map: NMB-7A

Contr: Cuba

API 30-043-20263

NM-N1-771270

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U. S. GEOLOGICAL SURVEY

NEW MEXICO-N
SANDOVAL CO.
WILDCAT (WF)



Petroleum Information

CORPORATION
A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 27
SW ne
2210 fml 2065 fel

OPR: Petro-Lewis Corp

WELL: 7-27 Federal

El: 6723 Gr

DSTS & CORES

5326 TD
Csg:

Init Prod: Suspended

(CARD WILL BE RE-ISSUED WHEN DATA AVAILABLE)

PI Base Map NMB-7A

Contr: not reported

API 30-043-20255

NM-N5-772150

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NEW MEXICO
SANDOVAL COUNTY
WILDCAT (W)

PETROLEUM INFORMATION
CORPORATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 19n-3w
Section 35
se ne ne
(750 s/n 600 w/e)

OPR: Frances L. Harvey

WELL #:

1 Gose

ELEV: 6740 KB

DSTS. & CORES:

SPUD: 9-19-56

COMPL: 9-26-56

*TOPS: Log: ~~XXXX~~

6741' KG

No cores or tests.

TD: 3171

PB:

CSG: 8-5/8" @ 105 w/100

Cliff House 150
Pt Lookout 1618
Mancos 1886
Upper Gallup 2576
Lower Gallup 2909

SJ Tops

PERF:

PROD. ZONE:

INIT. PROD: D & A

? PI 1687+3053

Ma 1886+4854

G 2910+3830

TD 3171+3589

(Contr: Benson, Montin & Greer)

DEA

W8-652111

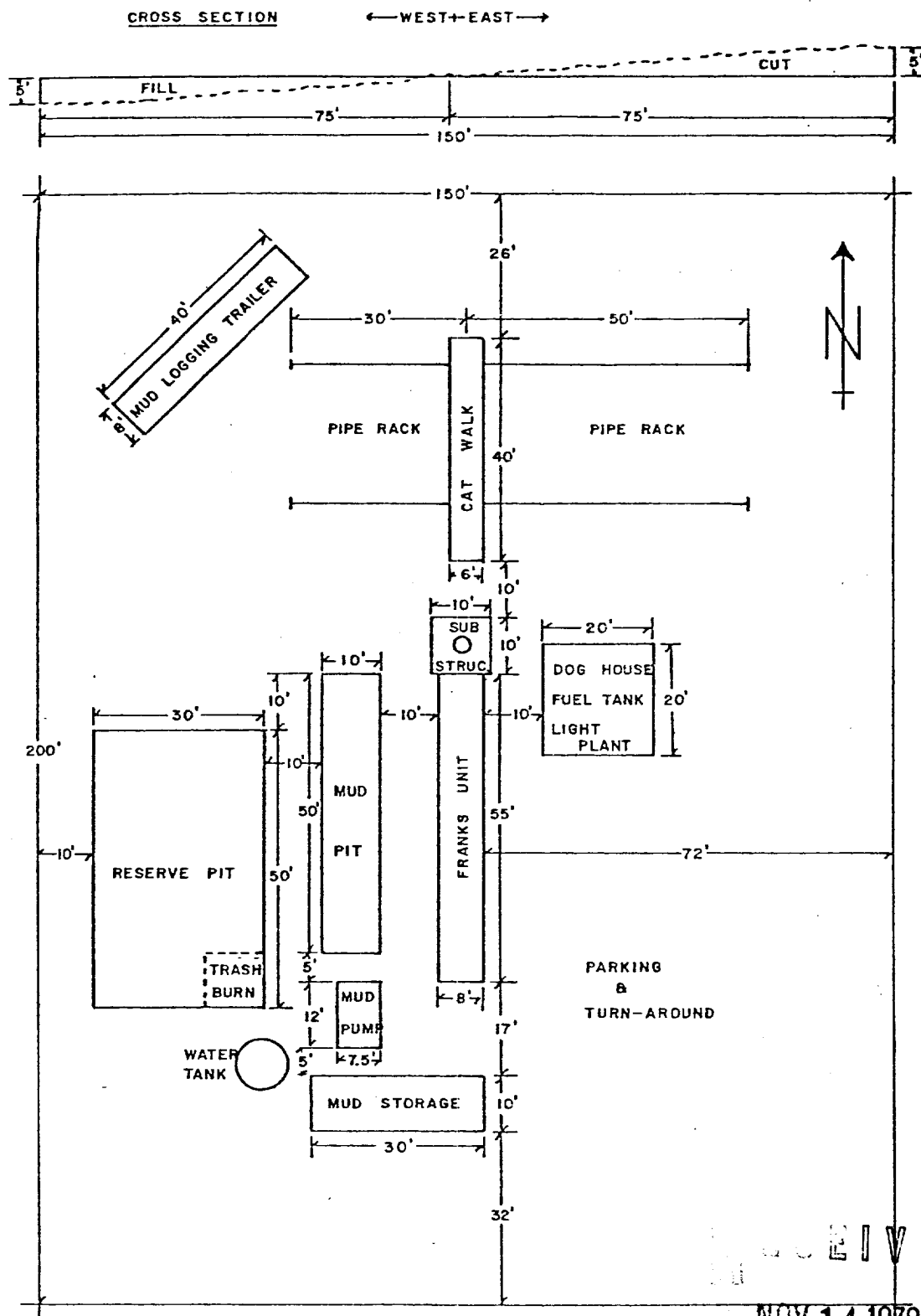
LIVE

*For Electric Logs on Rocky Mountain Wells—Ask Us! Log Order #A7644

NOV 14 1978

U. S. GEOLOGICAL SURVEY

RIG LAYOUT



NOV 14 1978
SCALE 1"=30'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Amended

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Rijan Oil Company, Inc.

3. ADDRESS OF OPERATOR

20 First Plaza, Suite 402, Albuquerque, NM 87102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

330' fwl, 1980' fnl

At proposed prod. zone

330' fwl, 1980' fnl

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 miles southwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

5300'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6836' GR

22. APPROX. DATE WORK WILL START*

12-30-78

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	100 sx - circulate
7-7/8"	5-1/2"	14#	5300'	300 sx

Plan to spud 12-1/4" hole, drill to 210' and set 200' of 9-5/8" casing with sufficient cement to circulate. Drill 7-7/8" hole to 5300' or depth sufficient to test the Entrada formation and run appropriate logs. If production indicated, will run 5-1/2" casing to total depth, cement with 300 sacks, perforate, and stimulate, if necessary. Will run 2-3/8" tubing for production string. 10" Schaffer Double Gate Hydraulic BOP tested to 3000 psi will be on well during all drilling operations.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured intervals. If proposal is to install a blowout preventer program, if any.

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

SIGNED

TITLE

Petroleum Engineer

DATE

11-10-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: