

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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, New Mexico 87102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
H 660' fel, 1980' fnl
At proposed prod. zone
660' fel, 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)
660'

16. NO. OF ACRES IN LEASE
200

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.)
6795' GR

22. APPROX. DATE WORK WILL START*
12-15-78

5. LEASE DESIGNATION AND SERIAL NO.
NM 9519

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Federal-26
Rijan Oil Company, Inc.

9. WELL NO.
Federal #1-26

10. FIELD AND POOL, OR WILDCAT
Wildcat Entrada

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 26, T19N, R3W

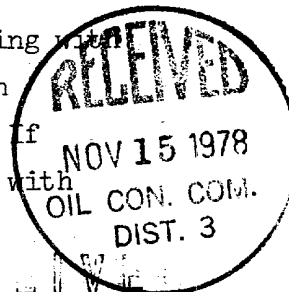
12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

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.



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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 and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] 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:

ak Enah

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
Supersedes O-121
Effective 1-1-77

All distances must be from the outer boundaries of the Section

Owner Rijan Oil Company, Inc.		Lease (NM 9519) Federal-26		Well No. Federal 1 26
Well Letter H	Section 26	Township 19N.	Range 3W.	County Sandoval

Actual Footage Location of Well:

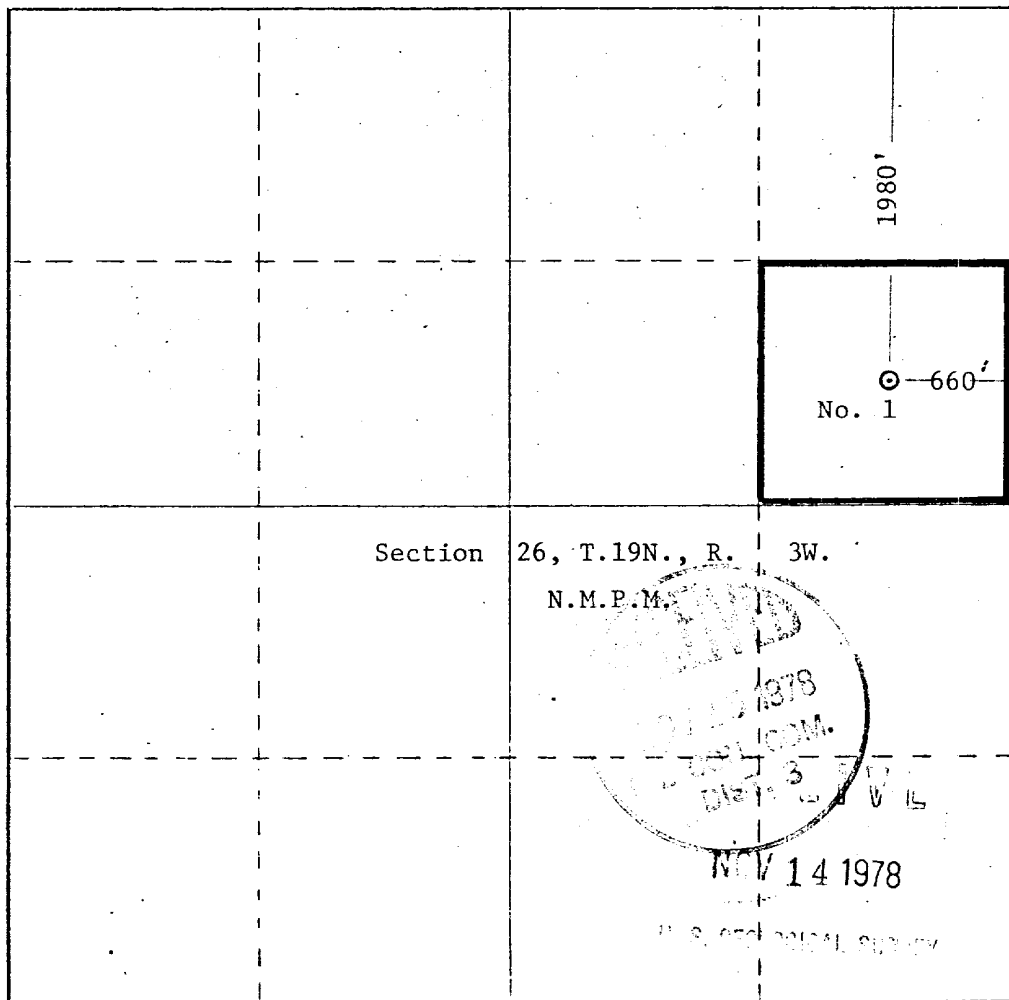
1980	feet from the North	line and	660	feet from the East	line
Ground Level Elev. 6795	Producing Formation Entrada	Pool Wildcat	Dedicated Acreage: 40		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **ONE LEASE ONLY**
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? **ONE LEASE ONLY**

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Val R. Reese

Name **Val R. Reese**

Position **Vice President**

Company

Rijan Oil Company, Inc.

Date

November 10, 1978

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

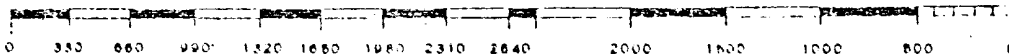
November 8, 1978

Registered Professional Engineer and/or Land Surveyor

Ray L. Loh

Certificate No.

6256



RIJAN OIL COMPANY, INC.

20 FIRST PLAZA, SUITE 402
ALBUQUERQUE, NEW MEXICO 87102
(505) 243-0665

November 9, 1978

Mr. Jerry W. Long
District Engineer
U. S. Geological Survey
Durango, Colorado 80301

Re: Development Plan for Surface Use, NTL-6
Rijan Oil Company, Inc. Federal #1-26
Section 26, T19N, R3W SE NE
Sandoval County, New Mexico
Lease NM 9519

Dear Mr. Long:

With reference to the enclosed application for Permit to Drill by Rijan Oil Company, Inc. on the above referenced well, the following Development Plan for Surface Use is being furnished you in compliance with the 13 Point Program required by the U. S. Geological Survey:

1. Enclosed is a photostatic excerpt from a USGS topographic map showing the existing roads within a 3 mile radius of the proposed well location and the exit road from New Mexico State Highway 197.
2. A short access road will be constructed from the existing road to the well locations as shown on the enclosed map. Road construction will be kept to a minimum (approximately $\frac{1}{2}$ mile). The information on lateral roads is included in Items 1 and 2 and shown on the enclosed map.
3. A list of the wells drilled within a one mile radius of the well location is enclosed and the wells are shown on the enclosed excerpt from the USGS topographic map.
4. If production is encountered, tank battery will be set at well site.
5. Water supply will be located at Media Field, approximately 2 miles to the north.
6. As shown on cross-section on rig layout, fill for one side of drill pad will be taken from cut on opposite side of drill pad. No other construction materials will be used.

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U. S. GEOLOGICAL SURVEY

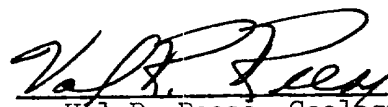
7. All waste will be placed in reserve pit as shown on the enclosed rig layout, allowed to dry, and be buried.
8. There will be no camps nor will any airstrips be constructed in connection with the proposed well location.
9. Rig layout sketch is enclosed hereto, including a cross-section diagram of the drill pad showing cut and fill in relation to the topography of the location.
10. Surface will be restored as required by the Bureau of Land Management.
11. Surface is Lewis shale formation with sparse grazing and is on federally owned lands. General topography is rolling low relief with isolated buttes. Topography at well site will require only about 5' cut on one side of drill pad and 5' fill on opposite side to achieve level.
12. The operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan is:

Morris B. Jones
1223 Bank of New Mexico Bldg.
Albuquerque, NM 87102
Telephone: 247-8393

13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Rijan Oil Company, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

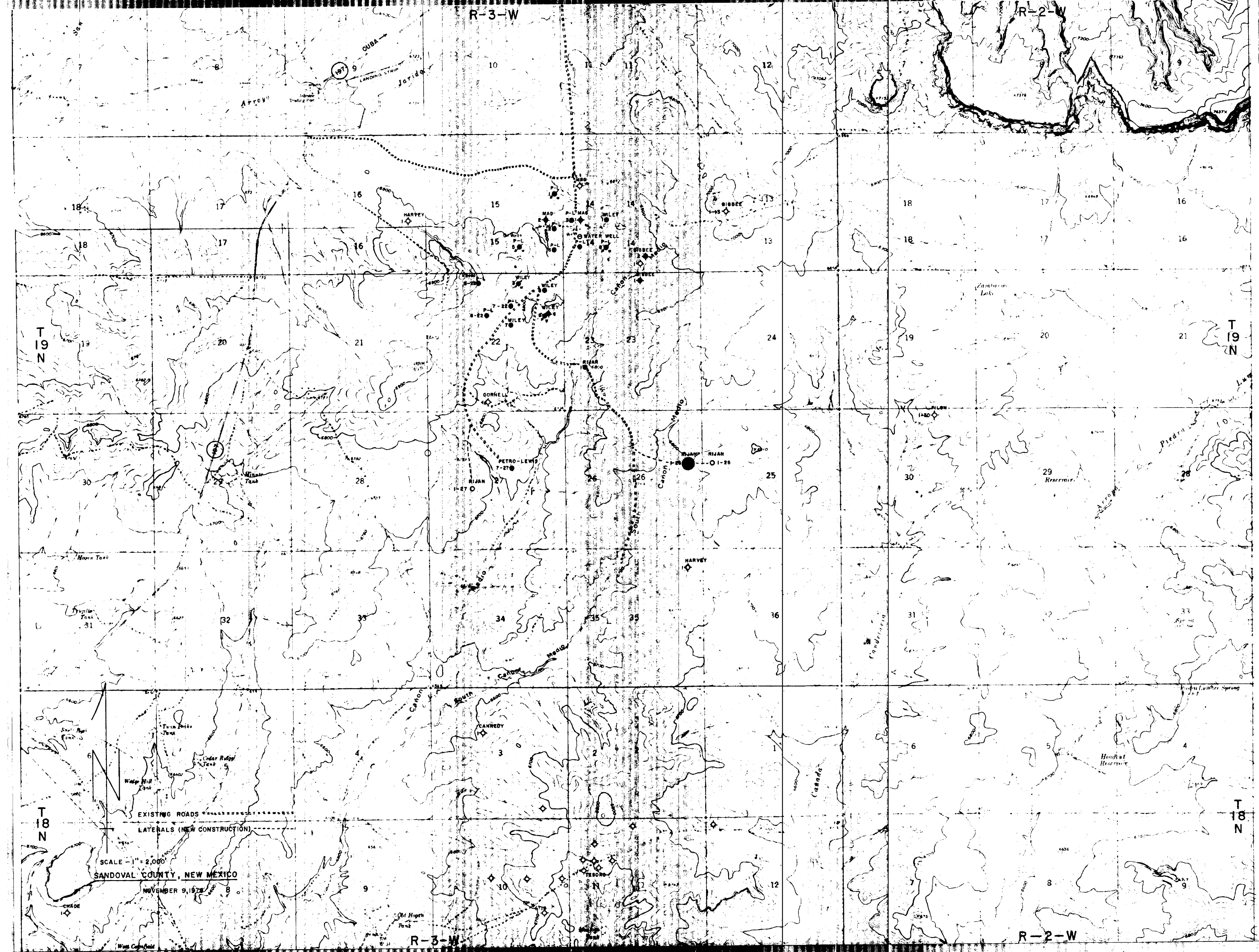
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U.S. GEOLOGICAL SURVEY



Val R. Reese, Geologist & Vice President
Rijan Oil Company, Inc.

Enclosures
cc: Bureau of Land Management



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
Galiup 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: D&A

(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

NOV 14 1978

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) / OWDD 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 Taps
O.W.D.D.
TD 1570'

REMARKS:

D&A

NEW MEXICO-N
SANDOVAL CO.
MEDIA (D)



Petroleum Information.

INCORPORATED
A subsidiary of A.C. Nielsen Company

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

Opr: Don C. Wiley et al

Well : 7 Federal-Media

Elev: 6842-18

Dsts & Cores:

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

Tops: Log

6843' KB

TD: 3445

PB:

Mesaverde 375
Mancos 2058
Gallup 2784

No cores or tests. *7*
Sidewall Cores - @ 1347, 1349
1351, 1401, 1424, 1441, 1500, 1511
1515, 1522, 1528, 1536, 1537
1541, 1544, 1547, 1552, 1556

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

Perf:

Taps checked 311/76

10 MV 375' + 6468'
Kmf 1204' + 5634'
PL 1968' + 4875'
Knu 2130' + 4713'
M 2100' + 4743'
Kyu 2782' + 4061'
G 2764' + 4059'
Kgl 3124' + 3719'
Kml 3332' + 3507'

1560 1574 1576 1578 1580
1585 1588 1590 1592
1595 1598 1600 1602
1605 1608 1610 1612
1615 1618 1620 1622
1625 1628 1630 1632
1635 1638 1640 1642
1645 1648 1650 1652
1655 1658 1660 1662
1665 1668 1670 1672
1675 1678 1680 1682
1685 1688 1690 1692
1695 1698 1700 1702
1705 1708 1710 1712
1715 1718 1720 1722
1725 1728 1730 1732
1735 1738 1740 1742
1745 1748 1750 1752
1755 1758 1760 1762
1765 1768 1770 1772
1775 1778 1780 1782
1785 1788 1790 1792
1795 1798 1800 1802
1805 1808 1810 1812
1815 1818 1820 1822
1825 1828 1830 1832
1835 1838 1840 1842
1845 1848 1850 1852
1855 1858 1860 1862
1865 1868 1870 1872
1875 1878 1880 1882
1885 1888 1890 1892
1895 1898 1900 1902
1905 1908 1910 1912
1915 1918 1920 1922
1925 1928 1930 1932
1935 1938 1940 1942
1945 1948 1950 1952
1955 1958 1960 1962
1965 1968 1970 1972
1975 1978 1980 1982
1985 1988 1990 1992
1995 1998 2000 2002

Prod Zone:

Init. Prod: Temp Abnd

Map NMB-7A

Contr: Loffland

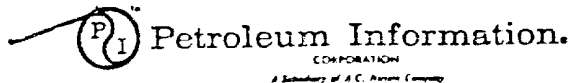
NM-N22-963221

Log in file

NOV 14 1978

U.S. GEOLOGICAL SURVEY

NEW MEXICO-N
SANDOVAL CO.
MEDIA (D)



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

Opr: Don C. Wiley; Fluid Power Pump

Well : 5 Federal-Media

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

Tops: Log

Lewis surf
Mancoos 2102
Gallup 2792
Dakota 4218
Todiito 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

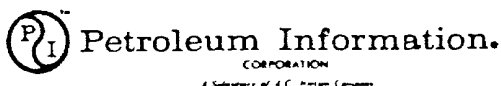
Contr: Loffland

NM-N4-965211

Log in File

inj

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



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

Opr: Petro-Lewis

Well : 6-22 Boling-Federal

Elev: 6859 ~~Gr~~ 6872' ~~KE~~ Dsts & Cores:

Tops: Log

442' 4442' ~~KE~~
Cliff House 445'
Menefee 1929 118'
Greenhorn 4040 4038'
Graneros 4070' 4060' ~~KE~~ 4118'
Dakota 4250 4256' ~~KE~~ 4137'
Morrison 4488 4484' ~~KE~~ 4052'
Todiito 5220 5219'
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: Todiito-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

NOV 14 1978

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



Petroleum Information
CORPORATION

A Subsidiary of A.C. Nielsen Company

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

OPR: PETRO-LEWIS CORP

WELL: 7-22 MILLER-FEDERAL,

EI: 6860 KB.

DSTS & CORES

Log Tops:

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.

No cores or tests.

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

5466 TD.

Csg: 10 3/4 @ 228 w/225,
7 @ 5266 w/835,
4 1/2 Inr @ 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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FORM NO. 327

NEW MEXICO-N
SANDOVAL CO.
MEDIA (DO)



Petroleum Information
CORPORATION

A Subsidiary of A.C. Nielsen Company

Twp 19n-3w
Section 22
ne nw
400 fml 1980 fwl

Opr: Fluid-Power Pump Co

Well : 5-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 2180 2710'
Gallup 2894'
Lower Mancos 3550 3990'
Greenhorn 3990 4076'
Graneros 4154 4152'
Dakota 4320 4318'
Morrison 4534 4556'
Todilto 5292 5290'
Entrada 5342 5340'

+6430'
+5650'
+4892'
+4700'
+4010' Kgt 3234' + 3676'
+3404' Ksgw 3860' + 3050' Kcat 3894' + 3016'
+2534' - Kgt 4114' + 2796'
+2750'
+2592' - Kdco 4490' + 2420'
+2314' - 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

NOV 14 1978

Well: #3 Federal Medial Sec: 22 T. 19N R. 3W
 Operator: Don C Wiley Co. Sandoval
 Date: 6/4/69 ^{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 "A"	4240'	+2150'
Kmf	1166'	+5710'	Kdc	4335'	+2497'
Kpl	1464' 1598'	+4884' +4918'	Kd "B"	4344'	+2528'
Kmv	2136'✓	+4746'✓	Jm	4437'	+2445'
			J	4569'	+2212'
Kgu	2818'✓	+4064'✓	Jt	5241'	+1691'
	3994'	+2838'		5316'	+1566'
Kgh	3922'	+2960'	Je	5313'	+1565'
	4032'	+2850'			
Kgr	4070'	+2862'	Top of Oil	5266'	+1616'
Kpl	4070'	+2812'			
Gkd	4074'	+2808'	O/W 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 NW
 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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NEW MEXICO-N
SANDOVAL CO.
MEDIA (D)

Petroleum Information.
CORPORATION
A Subsidiary of A.C. Nielsen 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 O 1252'
1254, 1274, 1281, 1283, 1422
1424, 1425, 1434, 1453,

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)

Petroleum Information.
CORPORATION
A Subsidiary of A.C. Nielsen 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
grained, carbonaceous
1608'-1622'

Core 1697-1710 - gray
Sandstone, very fine to
very shaly intervals at 1697-99'
1703-1704' and 1707-08' and
1710-1711' at 1702-03'

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

NEW MEXICO
SANDOVAL CO.
MEDIO, SE (D)

ELECTRIC LOG

PETROLEUM INFORMATION
CORPORATION
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 DP 6854 KB	DSTS. & CORES:	SPUD: 11-2-62	COMPL: 11-28-62
TOPS: Log-Samples CSG: KC	DST 3140-3366, 1 hr, no	TD: 3366	PB:
Mesaverde 390	rec, FP 0-0#, SIP (30	CSG: 8-5/8" @ 133 w/65	
Mancos 2068	min) 70#, wtr fract.	5 1/2" @ 2720 w/50	
Gallup 2792	Tops Checked 6-10-70:	PERF:	
Tocito 3150			
Mancos 3298			

Log in File

PEW

*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.

1.P.P.: 72 BOPD + 45 Contr: Lohmann-Johnson

Est 50 MCFGPD

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 fw1

OPR: Rijan Oil

WELL: 1 PLR Inc

Elev: 6772 KB	DSTS & CORES	Spud: 3-22-77	Comp: 6-15-77
Tops: Log	No cores or tests.	TD: 3259	PB: 3195
Lewis surf		Csg: 8 5/8 @ 126 w/80	
La Ventana 280		5 1/2 @ 3250 w/1375	
Menefee 1178			
Point Lookout 1862		Perf: 2696-2708, 2716-24, 2890-96,	
Mancos 2006		2984-90, 3034-40, 3044-48, 3118-	
Gallup 2690		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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FORM NO. 327

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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 fcl

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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FORM NO. 327

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 Gase *Electric Log*

ELEV: 6740 ~~KB~~

DSTS. & CORES:

SPUD: 9-19-56 COMPL: 9-26-56

*TOPS: Log ~~XXXX~~ 6741' *K16*

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

PERF:

SJ Tops

Over for tops

Log in File

BROD. ZONE:

INIT. PROD: D & A

? PI 1687+3253
Ma 1886+4854
G 2910+3830
TD 3171+3589

(Contr: Benson, Montin & Greer)

DEA

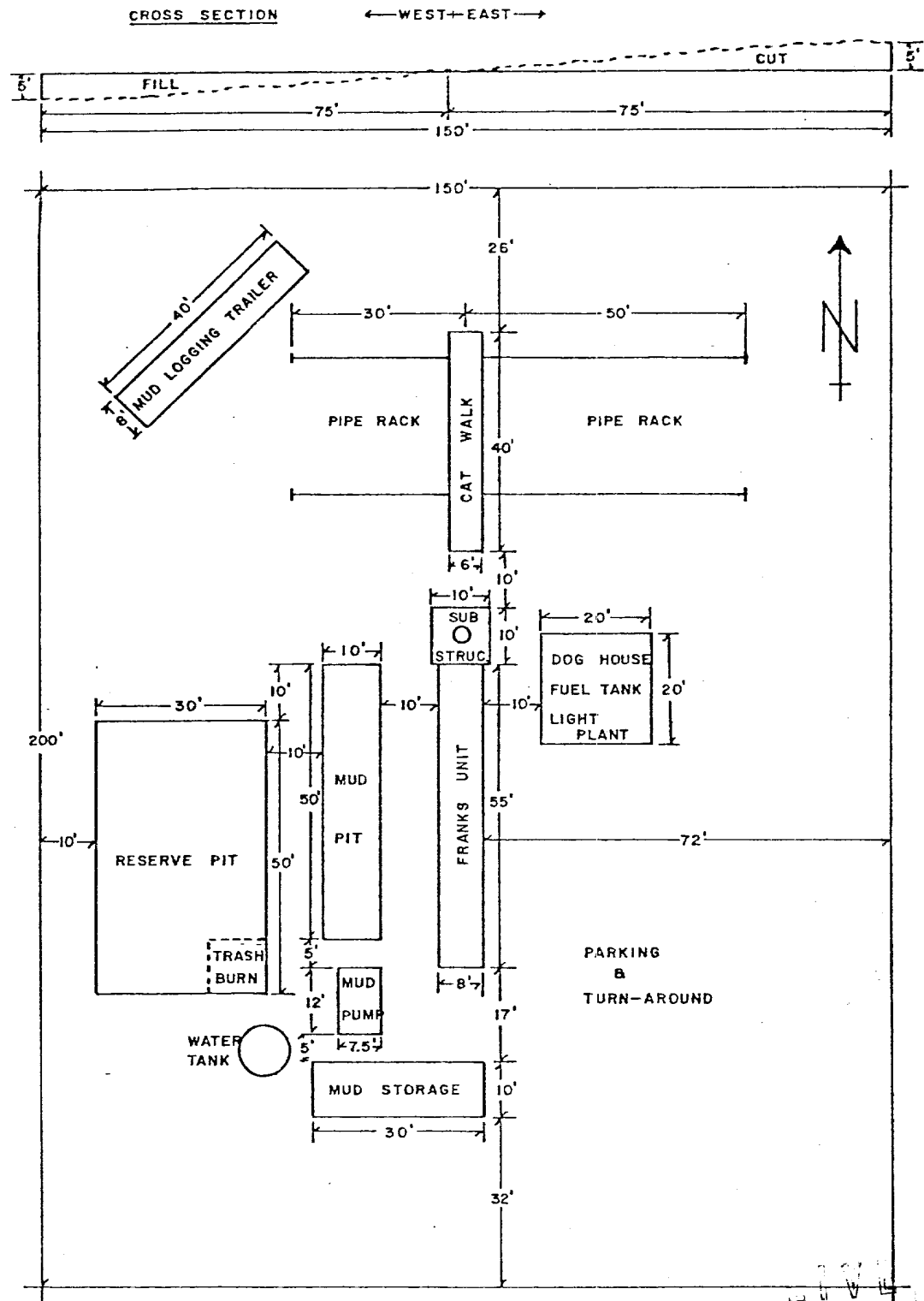
W8-652111

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

NOV 14 1978

U.S. GEOLOGICAL SURVEY

RIG LAYOUT



SCALE 1"=30'

NOV 14 1978

NO. 076 20111 500.00

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, New Mexico 87102

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

At surface

660' fel, 1980' fnl

At proposed prod. zone

660' fel, 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)

660'

16. NO. OF ACRES IN LEASE

200

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.)

6795' GR

22. APPROX. DATE WORK WILL START*

12-15-78

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 Bore 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 production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true depths. Give blowout preventer program, if any.

24.

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:

*See Instructions On Reverse Side