

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

✓ DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-045-28874

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Robinson 34

13652

2. Name of Operator

Hallwood Petroleum, Inc. 9812

8. Well No.

#2

5/326-45

3. Address of Operator

P.O. Box 378111, Denver, CO 80237

9. Pool name or Wildcat

Basin Fruitland Coal 7029

4. Well Location

Unit Letter N : 790 Feet From The South Line and 1,910' Feet From The West Line

Section 34

Township 32N

Range 13W

NMPM

San Juan

County

10. Proposed Depth

2,150'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5,858 GR

14. Kind & Status Plug Bond

15. Drilling Contractor

Aztec

16. Approx. Date Work will start

12/20/92

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8	36#	350	250	Surface
8-3/4"	7	20#	2,000	350	Surface
6"	5" (Optional)	15#	1,800-2,150	None	---

Hallwood Petroleum, Inc., proposes to drill a 12-1/4" hole with native mud to 350' and set 9-5/8", 36#, J-55 casing to 350' cementing to surface with 250 sxs Class "B" cement. Drill 8-3/4" hole out of surface casing to 2,000' with mud. Set 7", 20#, J-55 production casing to 2,000' cementing back to surface with 300 sxs lead cement followed by 50 sxs Class "B" tail cement. Drill 150' of 6" hole through Fruitland Coal (est. at 2,055-2,090') to proposed TD of 2,150'. Log well with Density/GR. Open hole cavitate and test Fruitland Coal. If necessary, run 5" 15# slotted liner from 1,800-2,150' and fracture stimulate with approximately 200,000#, 12/20 sand, flow to clean-up well and put on rod pump with beam unit.

APPROVAL EXPIRES 6-9-93
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

Kevin E. O'Connell
Kevin O'Connell

TITLE

Drilling & Prod. Supervisor

DATE 12/3/92

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

[Signature]

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

DEC 09 1992

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
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Form C-102
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DISTRICT I
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P.O. Drawer DD, Artesia, NM 88210

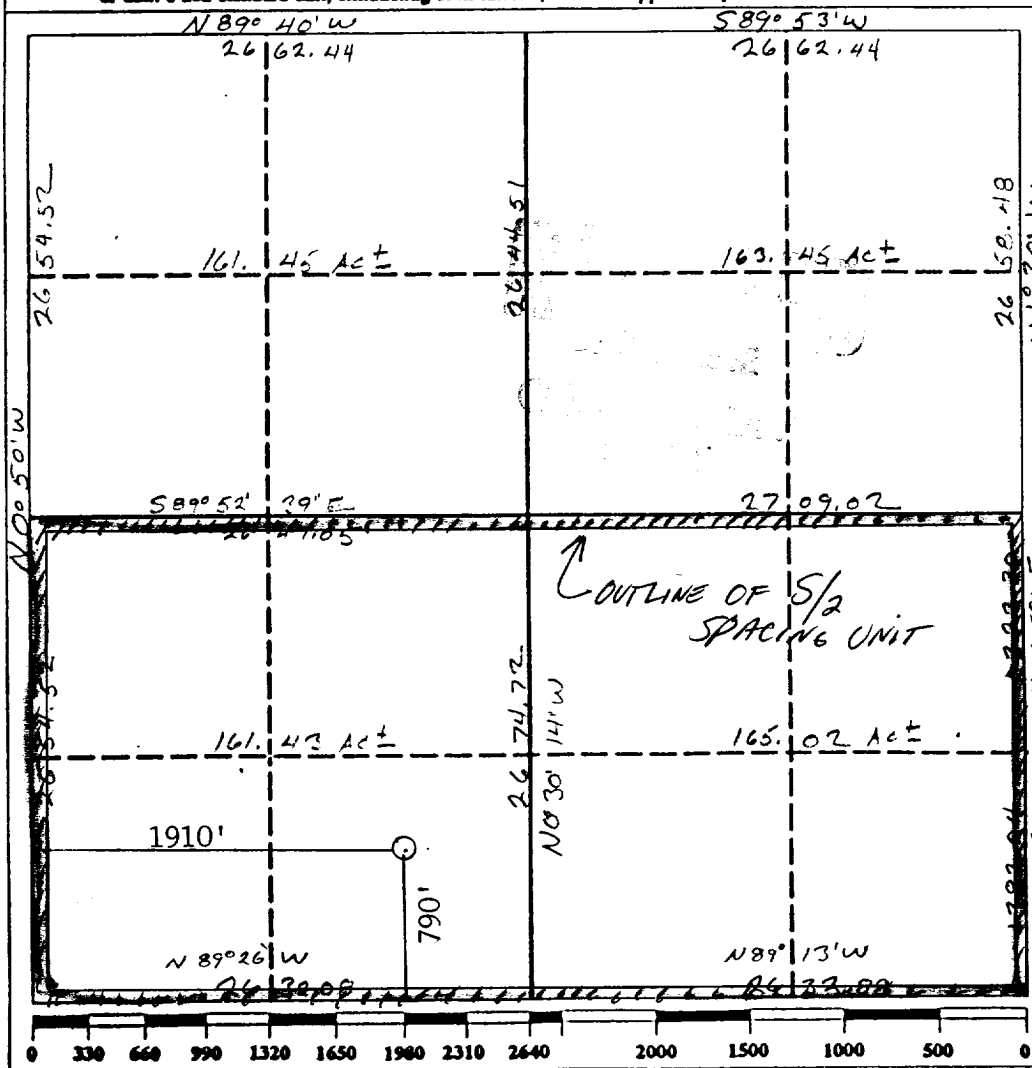
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

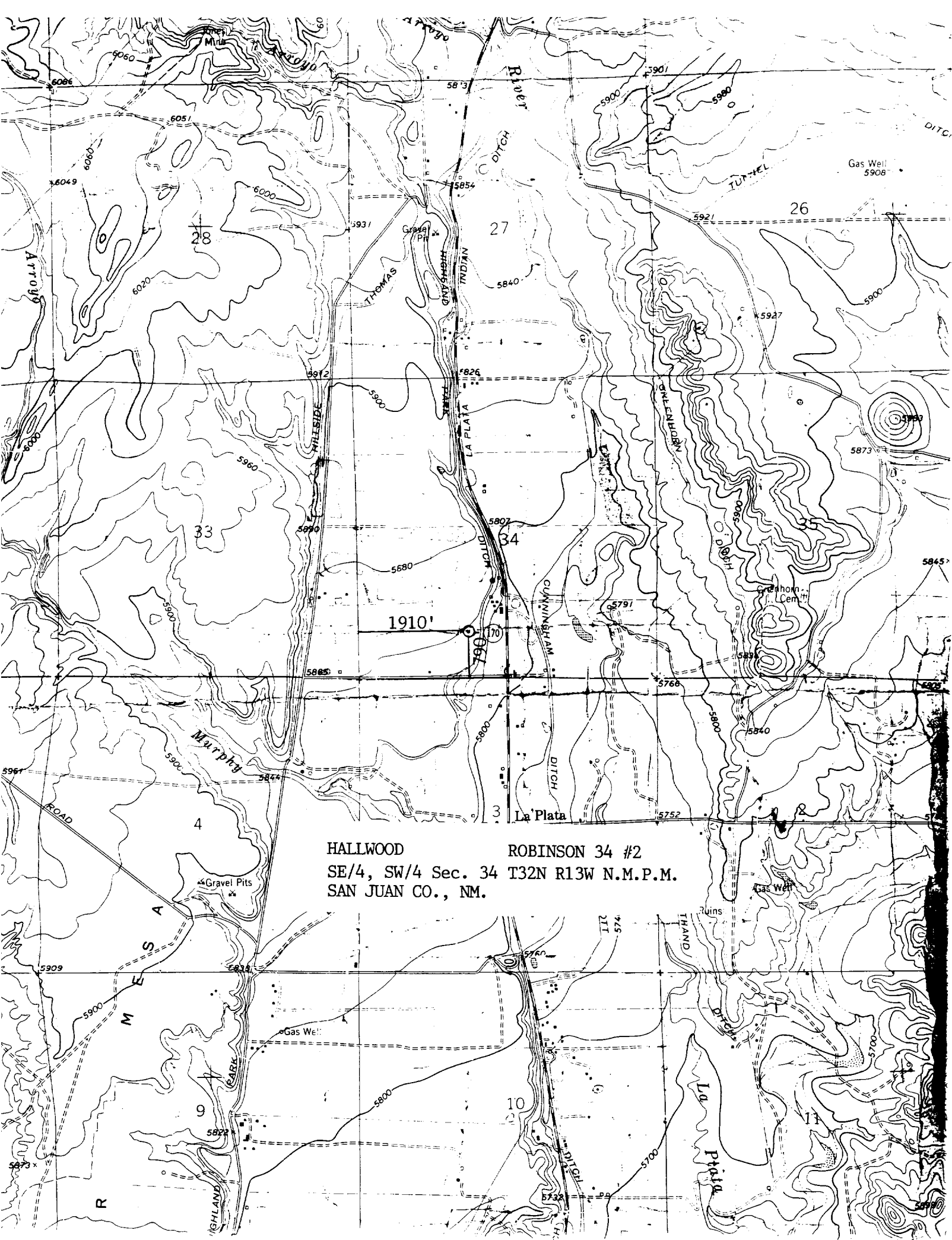
All Distances must be from the outer boundaries of the section

Operator HALLWOOD			Lease ROBINSON 34		Well No. #2
Unit Letter N	Section 34	Township 32N	Range 13W	County NMPM SAN JUAN	
Actual Footage Location of Well: 790 feet from the SOUTH line and 1910 feet from the WEST line					
Ground level Elev. 5858	Producing Formation FRUITLAND COAL		Pool BASIN FRUITLAND COAL		Dedicated Acreage: 326.45(±) Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ 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 interest, has been approved by the Division.



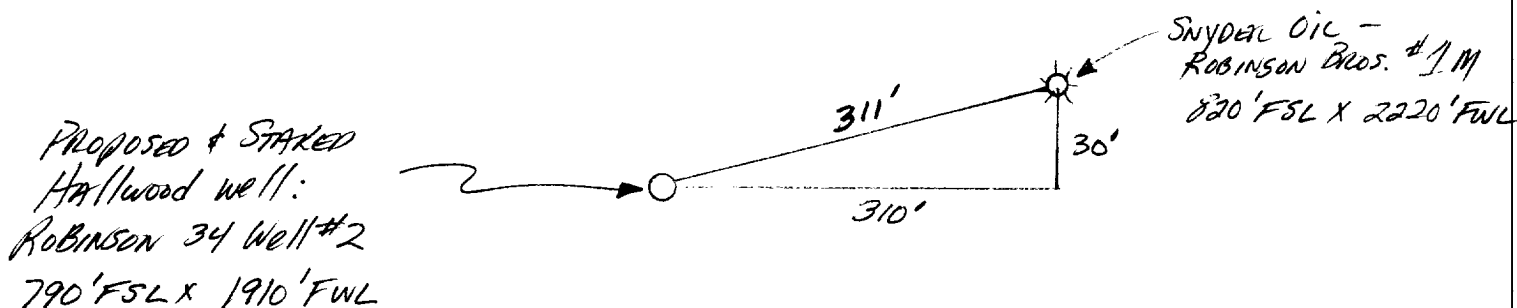
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Signature <i>Kevin E. O'Connell</i>	Printed Name KEVIN E. O'CONNELL
Position DRUG. & PROD. SUPERVISOR	
Company Hallwood Petroleum Inc.	
Date 11/19/92	
SURVEYOR CERTIFICATION 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. November 13, 1992	
Date Surveyed NOV 13 1992	
Signature & Seal <i>Cecil B. Tullis</i> CECIL B. TULLIS NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 9872	
Certificate No. 9872	



HALLWOOD ROBINSON 34 #2
SE/4, SW/4 Sec. 34 T32N R13W N.M.P.M.
SAN JUAN CO., NM.

RULE 102. C. STATES: "WHEN FILING A PERMIT TO DRILL IN ANY QUARTER - QUARTER SECTION CONTAINING AN EXISTING WELL OR WELLS, THE APPLICANT SHALL CONCURRENTLY FILE A PLAT OR OTHER ACCEPTABLE DOCUMENT LOCATING AND IDENTIFYING SUCH WELL(S) AND A STATEMENT THAT THE OPERATOR(S) OF SUCH WELL(S) HAVE BEEN FURNISHED A COPY OF THE PERMIT."

DISTANCE BETWEEN WELLS: EQUALS 311'



STATEMENT BY Hallwood: A COPY OF THIS INFORMATION AND THE ENTIRE DRILLING PERMIT FOR HALLWOOD PETROLEUM INC'S - ROBINSON 34 Well #2 HAS BEEN MAILED (CERTIFIED) TO:

SNYDER OIL CORP.
1625 BROADWAY, Suite 2200
DENVER, COLORADO 80202
ATTN: GEORGE ROONEY

Kevin E. O'Connell
Drilling & Production Supervisor
WESTERN DISTRICT
12/3/92

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

**MODIFIED C-102
WITH OFFSET
WELL SPOTTED.**

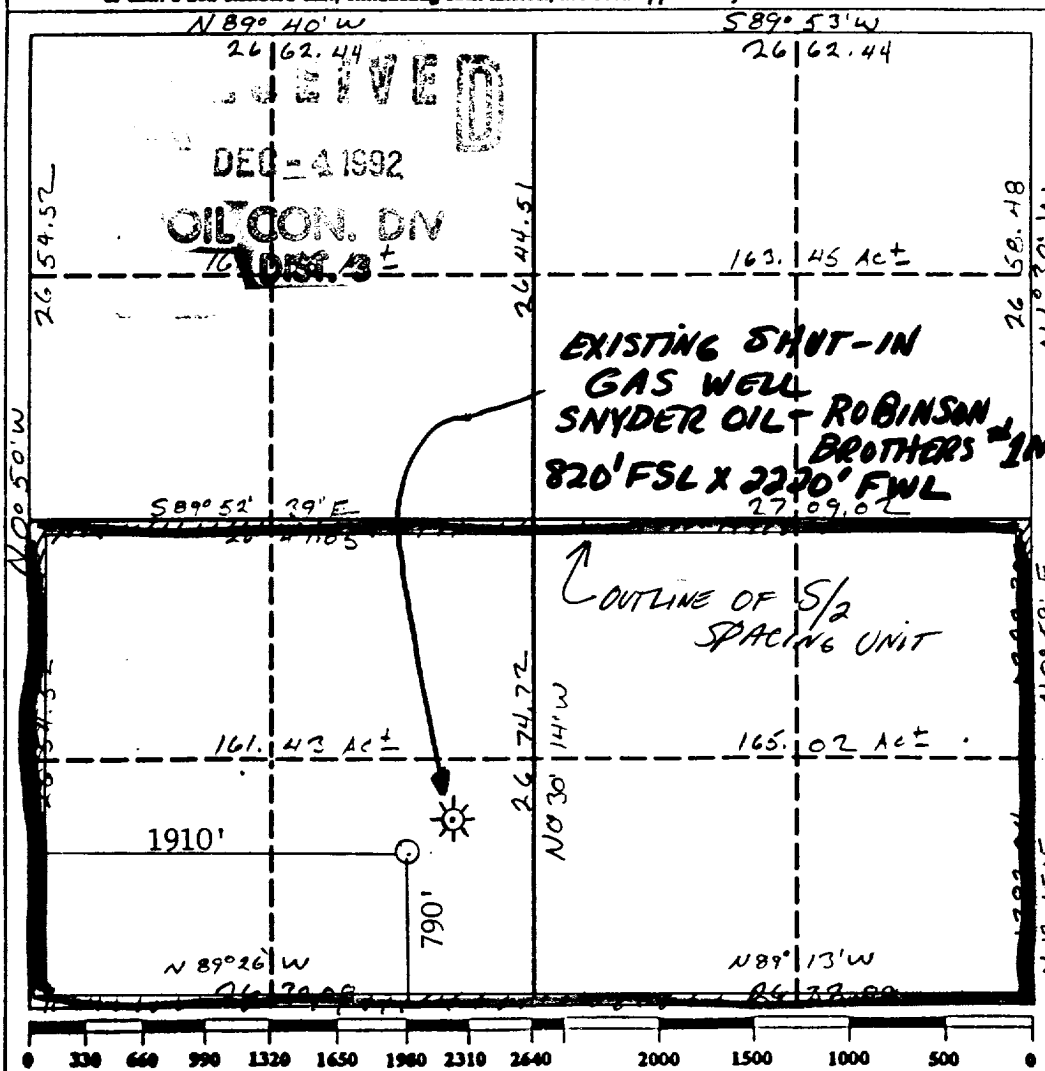
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3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.?

☐ 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature Kevin E. O'Connell
 Printed Name KEVIN E. O'CONNELL
 Position DRLG. X PROD. SUPERVISOR
 Company Hallwood Petroleum Inc.
 Date 11/19/92

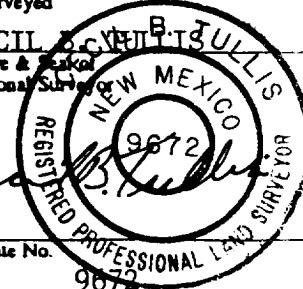
SURVEYOR CERTIFICATION

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.

November 13, 1992

Date Surveyed

Signature & Seal
 Professional Surveyor
 Certificate No. 9672



NOW SNYDER OIL CORP.

NEW MEXICO-N
SAN JUAN CO
BASIN-DAKOTA (DG)



Petroleum Information
CORPORATION

A Subsidiary of A.C. Nielsen Company

Twp 32n-13w Status
Section 34 GAS

SE SW
820 fsl 2220 fwl

OPR: Consolidated O&G

WELL: 1-M Robinson Bros

Spud: 6/11/80 Comp: 10/23/80 Elev: 5829 Gr TD: 6980/(7/4/80)/PB 6932

Contr: R L Bayless #5

Casing: 8 5/8 @ 257 w/250, 5 1/2 @ 6963 w/1250

Log Types: IES/CNL

Log Tops:

Pic Cliffs 2060 Cliff House 3710 Dakota 6684

Cores: No cores

DST'S: No tests

Prod Test: Perf (Dakota) 6714-6830, 6893-6915 w/27 total. Acidized w/500 gals.

Fract 6893-6915 w/31,000 gals gel, 21,250 sd. Fract 6714-6830 w/65,000 gals wtr, 75,000 sd. Perf (Mesaverde) 4536-4757 w/18 total. Fract w/89,750 gals wtr, 97,500 sd

IP: IPF 788 MCFGPD, 48/64 ck, FTP 1175, FCP 1185, CAOF 939 MCFGPD

Prod Zone: Mesaverde 4536-4757 (gross)

IP: IPF 1142 MCFGPD, 48/64 ck, FTP 1500, CAOF 1184 MCFGPD

Prod Zone: Dakota 6714-6915 (gross)

(DUAL COMPLETION)

(RE-ISSUED CARD). Replaces temp card NM-N9-088121-B

POMCO Map NM-5

PI Base Map NMB-1A

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API 30-045-23636

NM-N16-R10-0783

FORM NO 327

Dwight's Energydata, Inc. DLOOK 4.20 Record # 21 Run date: 07/23/92
Property data from file: JG.DMP Retrieval code: 251,045,32N13434N000W

Operator (#678500) Lease name Well #
SNYDER OIL CORP ROBINSON BROTHERS 00001M

Ident. # State Dist County Location /unit #
32N13434N000W NM(30) 004 045 SAN JUAN 34N 32N 13W 43800

API # Field (#008007074) Reservoir
30-045-23636 BLANCO (MESAVERDE) MV

Total Perforations Temp
Depth Upper Lower Gradient GOR
6980 0 0 1.700 0.000 0

Comp Date Production Dates Status
First Last Date
0 8101 8707 0 INA

Cumulative gas Gravity
MCF Since Gas Gatherer
58943 FP Date 0.00 SUG

Cumulative liquid Gravity
BBL Since Liquid Gatherer
60 FP Date 0.00 INL

Dwight's Energydata, Inc. DLOOK 4.20 Record # 20 Run date: 07/23/92
Property data from file: JG.DMP Retrieval code: 251,045,32N13434N000W

Operator (#678500) Lease name Well #
SNYDER OIL CORP ROBINSON BROTHERS 00001M

Ident. # State Dist County Location /unit #
32N13434N000W NM(30) 004 045 SAN JUAN 34N 32N 13W 99050

API # Field (#008004974) Reservoir
30-045-23636 BASIN (DAKOTA) DK

Total Perforations Temp
Depth Upper Lower Gradient N-Factor GOR
6980 0 0 1.750 0.000 0

Comp Date Production Dates Status
First Last Date
0 8101 8404 0 INA

Cumulative gas Gravity
MCF Since Gas Gatherer
33678 FP Date 0.00 SUG

Cumulative liquid Gravity
BBL Since Liquid Gatherer
604 FP Date 0.00 INL