

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

OIL CONSERVATION DIVISION

P.O. Box 27088  
Santa Fe, New Mexico 87504-0088

WELL API NO. <u>30-025-29998</u>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <u>Arreguy 25</u>
8. Well No. <u>1</u>
9. Pool name or Wildcat <u>Townsend Permo Upper Penn</u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>4035' GR</u>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator <u>Sun Exploration &amp; Production Co. Oryx Energy Co.</u>
3. Address of Operator <u>P.O. Box 1861, Midland, TX 79702</u>	4. Well Location Unit Letter <u>A</u> : <u>810</u> Feet From The <u>North</u> Line and <u>510</u> Feet From The <u>East</u> Line Section <u>25</u> Township <u>15-S</u> Range <u>34-E</u> NMPM <u>Lea</u> County <u></u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>4035' GR</u>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 12/23/88 - MIRU X-pertWS, POH w/86 rod string & pump, ND wellhead, NU BOP, rel TAC, POH w/ 2-7/8" tbg & pumping setup to 2000'.
- 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullough ran & set 5-1/2" CIBP @ 11,190', dump bailed 35' CMT on plug, PBTD 11,155', NL McCullough, perf Wolfcamp from 20,250-10,260 w/ 15 spf 11 holes w/4" csg gun, 22.5 GC, .39" EH.
- 12/28/89 - RIH w/OITS 5-1/2" NP perma latch pkr w/2.25" N'nipple, 5-1/2" on-off tool & 2-7/8" tbg to 10,275', Western spot 1500 gal 15% NEFE HCL from 10,275-8775', raised pkr to 10,020', Rev acid into tbg, set pkr w/18,000" Comp, Western Trap 1000# on annulus, Western acid'z. Wolfcamp perfs 10,250-260' w/1500 gal 15% NEFE HCL, Flush to BTM perf w/2% KCL WTR, BDP 4650# MAX TP 4500 MIN TP 4450#, ATP 4500#, FTP 4500#, ISIP 4450# 15M 4350#, AIR.
- 1/4/89 - Well open over weekend no flow, McCull ran & set 5-1/2" CIBP at 10,230', dump 35' cmt on CIBP, TOC 10,135'. TIH w/2-7/8" tbg OE to 9997'. (cont. on attached sheet)

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

SIGNATURE De Ann Kemp TITLE Accountant DATE 1/11/89

TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

APPROVED BY Lyle F. Turnacliff TITLE OIL & GAS INSPECTOR DATE JUL 07 1989

CONDITIONS OF APPROVAL, IF ANY:

CHAND BUCHAN

R N

E

12. Describe Proposed or Completed Operations:

- 1/5/89 - FIH w/2-7/8" tbg OE to 10,108', BJ-Tital displaced hole w/10 ppg mud, POH LD 2-7/8" tbg to 7360', BJ-Tital mix & spot 12 sk Class H cmt plug from 7360' to 7260', POH LD 2-7/8" tbg to 4300', fin POH.
- 1/6/89 - ND BOP & 'C' Section, weld on 5-1/2" N-80 Lift nipple, PU on 5-1/2" csg & remove slips, rotary WS ran free point, 5-1/2" 100% stuck @ 4600' & 100% free @ 4350', Ran jet cutter & cut csg @ 4350', PMI 1-5-89. POH LD 50 jets 5-1/2" 17# N-80 BTC csg & 50 jts 17# N-80 LTC csg.
- 1/7/89 - TIH w/2-7/8" tbg OE to 4390', BJ-Titan spot 100' Class H cmt plug from 4390' to 4290', POH to 4150', WOC 4 hrs., lwr & tag cmt at 4310', POH LD tbg to 2000', BJ-Titan spot 30 sks Class H neat cmt plug from 2000' to 1900', POH LD 2-7/8" tbg, spot 10 sks surf plug, ND B section of wellhead, cut off wellhead 4' BGL, weld on steel plate and dry hole marker, back fill cellar.

Submit 5 Copies  
Appropriate District Office  
**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

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

<b>I.</b>	
Operator <b>Oryx Energy Company</b>	Well API No. <b>30-025-29998</b>
Address <b>P. O. Box 1861, Midland, Texas 79702</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> Plugged - Not released
If change of operator give name and address of previous operator <b>Sun Exploration &amp; Production Co., P. O. Box 1861, Midland, Texas 79702</b>	

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Arreguy "25"</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Townsent Permo Upper Penn</b>	Kind of Lease State, Federal or Fee	Lease No. Fee
Location Unit Letter <b>A</b> : <b>810</b> Feet From The <b>North</b> Line and <b>510</b> Feet From The <b>East</b> Line Section <b>25</b> Township <b>15-S</b> Range <b>34-E</b> , <b>NMPM</b> , Lea County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ?

If this production is commingled with that from any other lease or pool, give commingling order number:

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
						Depth Casing Shoe		

Submit 5 Copies  
Appropriate District Office  
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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator <b>Oryx Energy Company</b>	Well API No. <b>30-025-29998</b>
Address <b>P. O. Box 1861, Midland, Texas 79702</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Plugged - Not released
If change of operator give name and address of previous operator <b>Sun Exploration &amp; Production Co., P. O. Box 1861, Midland, Texas 79702</b>	

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Lease Name <b>Arreguy "25"</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Townsent Permo Upper Penn</b>	Kind of Lease State, Federal or Fee	Lease No. Fee
Location Unit Letter <b>A</b> : <b>810</b> Feet From The <b>North</b> Line and <b>510</b> Feet From The <b>East</b> Line Section <b>25</b> Township <b>15-S</b> Range <b>34-E</b> , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected?	When ?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Maria L. Perez  
Printed Name **Maria L. Perez** Accountant  
Date 6-1-89 Telephone No. 915-688-0375

OIL CONSERVATION DIVISION  
JUN 19 1989

Date Approved

By

Geologist

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-77

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Company	8. Farm or Lease Name Arreguy 25
3. Address of Operator P.O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>510</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>15-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Townsend Permo Up Penn

15. Elevation (Show whether DF, RT, GR, etc.)  
4035' GR

12. County  
Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPWS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

1. MIRU PU. POH W/86 TAPER, KD ROD STRING & 2-1/2 x 1-1/4 x 24' RHBC ROD PUMP. ND WH. NU BOP. RLSE BAKER TAC @ ±11091 AND POH W/2-7/8", 6.5#, N-80 PRODUCTION TBG (LAY DOWN TOP ±900' OF TBG AND STAND BACK REMAINDER).
2. MIRU NL MCCULLOUGH. RIH W/5-1/2", 17# CIBP ON WL. SET CIBP @ ±11190' VIA SCHLUM GR/LDT-CNL DATED 10/09/87. DUMP BAIL 35' OF CMT ON TOP OF CIBP. PERF WOLFCAMP SET III 10250-10260, 1 JSPF, TOTAL 11 HOLES USING 4" OD, 22.5 GM, .39" EH CSG GUN (ATLAS JUMBO JET II CHARGES) VIA SCHLUM GR/LDT-DNL DATED 10/09/87 (FLAT TO SCHLUM GR/CCL DATED 10/26/87).
3. RIH W/5-1/2", 17-20#, OTIS PERMA-LACH PROD PKR W/ON-OFF TOOL (2.313" 'N' PROFILE & 2.205" NO-GO) ON 2-7/8" PROD TBG TO ±10260' (PKR IS AVAILABLE @ OTIS IN HOBBS - SUN OWNED).
4. MIRU WESTERN. SPOT 1500 GALS 15% NEFEHCL W/ADDITIVES\* FROM 10260 TO 8760'. WASH ACID ACROSS PERFS. RAISE PKR TO ±10100'. REV ACID INTO TBG. SET PKR W/18 PTS COMPRESSION. ND BOP. NU WH. TRAP 1000 PSI CP. DISP ACID TO BTM PERF USING 2% KCL FSH WTR. MAX TP 4000 PSI @ MAX RATE OF 2 BBL/H. 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103

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

SIGNED Dee Ann Kemp TITLE Accountant DATE 11-14-88  
APPROVED BY Jerry S. L... TITLE DISTRICT 1 SUPERVISOR DATE NOV 16 1988  
CONDITIONS OF APPROVAL, IF ANY:

Con't Arreguy 25 well NO. 1

5. SWAB BACK L&AW. EVALUATE FE RATE & CONTENT.
6. IF REQUIRED FOR EVALUATION, PUT ON PUMP AS FOLLOWS: ND WH. NU BOP. RLSE PKR & POH W/TBG & PKR. RIH W/31' B.P. MA, PERF SUB, SN, 2 JTS 2-7/8" TBG & TAC ON 2-7/8" PROD TBG. TS  $\pm 10306$ , MA  $\pm 10275$ , PS  $\pm 10271$ , SN  $\pm 10270$ , TAC  $\pm 10208$ . ND BOP. NU WH. RIH W/2-1/2 x 1-1/4 x 24' RHBC PUMP ON 86 TAPER 'KD' ROD STRING (199 - 3/4", 110 - 7/8", 102 - 1"). SPACE OUT AS NECESSARY. CHECK PUMP ACTION & RLSE RIG.
7. IF WOLFCAMP TEST @ 10250-260 PROVES UNECONOMIC CONTINUE W/PROCEDURE TO PLUG & ABANDON WELL. POH W/RODS & PUMP LAYING DOWN. HAVE WAREHOUSE PICK-UP RODS FOR POSTELLE INSPECTION. ND WH. NU BOP. RLSE TAC & POH W/2-7/8" TBG & PUMPING SET-UP STANDING BACK. NOTE: PLUGGING PROCEDURE DISCUSSED W/PAUL KONTZ, N.M.O.C.C. OF HOBBS (505-393-6161) ON 11/4/88. CONTACT N.M.O.C.C. 24 HRS PRIOR TO BEGINNING OPERATIONS.
8. RIH W/5-1/2", 17# CIBP ON 2-7/8" PROD TBG TO  $\pm 10230$ . SET CIBP. CIRC HOLE W/10#/GAL MUD LADEN FLUID ( $\pm 250$  BBLs). SPOT 35' CLASS 'C' CMT PLUG ON TOP OF CIBP.
9. POH W/2-7/8" TBG LAYING DOWN TO  $\pm 7360'$  (TOP OF TUBB @ 7312'). SPOT 100' CLASS 'C' NEAT CMT PLUG FROM 7360' TO 7260'. POH W/2-7/8" TBG LAYING DOWN (LEAVE  $\pm 4300'$  TBG STANDING BACK).
10. ND BOP. WELD ON LIFT SUB. WORK CSG. TOC IS  $\pm 4400'$  VIA TEMP SURVEY. DETERMINE FREE POINT. CONTACT REGION OFFICE IF F.P. IS ABOVE 4000'. CUT CSG 100' ABOVE FREE POINT USING 4-1/2" JET CUTTER. POH W/5-1/2", 17# K-55, B&LTC PRODUCTION CSG LAYING DOWN.
11. RIH W/2-7/8" PRODUCTION TBG TO TOP OF 5-1/2" CSG STUB. SPOT A 100' CLASS 'C' NEAT CMT PLUG @ CSG STUB FROM 50' BELOW TO 50' ABOVE TOP OF STUB TOP ( $\pm 18$  SKS). WOC. TAG TOP OF PLUG W/TUBING.
12. SPOT A 100' CLASS 'C' NEAT CMT PLUG @  $\pm 4850-4750$  (INTERMEDIATE CS).
13. SPOT A 100' CLASS 'C' NEAT CMT PLUG @  $\pm 2000'$  ( $\pm 26$  SKS) AT TOP OF SALT (1885').
14. SPOT A 10 SK CLASS 'C' NEAT CMT PLUG @ SURFACE. POH.
15. CUT OFF WELLHEAD 4' BGL & WELD ON STEEL PLATE. INSTALL DRY HOLE MARKER. CLN LOCATION. RLSE RIG.

\*ADDITIVES FOR 15% NEFEHCL

2 GPT I-17 (CORROSION INHIBITOR)  
1 GPT NINE-40 (NON-EMULSIFIER)  
10 GPT XR-2L (CITRIC ACID)  
10 GPT AC-2 (ACETIC ACID)

11/12/88

11/12/88

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11/12/88

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

API 30-025-29998

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	
1b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/> DIFF. RESV. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Arreguy 25

2. Name of Operator
Sun Exploration & Production Company

9. Well No.
1

3. Address of Operator
P. O. Box 1861, Midland, Texas 79702

10. Field and Pool, or Wildcat
Townsend Permo Upper

4. Location of Well	
UNIT LETTER <u>A</u>	LOCATED <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>510</u> FEET FROM <u>East</u>
TNE <u>25</u>	LINE OF SEC. <u>15-S</u> TWP. <u>34-E</u> RGE. <u>34-E</u> NMPM

12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
9-2-87	10-15-87	10-15-87	4035' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
11,340' 12,050'	11,320'			X	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Sur Made
11,200'-11,264' Canyon	No.

26. Type Electric and Other Logs Run	27. Was Well Cored
IL, LDT-CNL, Sonic, GR-CCL	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	519'	17-1/2"	525 SXS 'C'	59 SXS
8-5/8"	32 & 24#	4800'	12-1/4 & 11"	2600 sxs Pacesetter Lite	308 SXS
5-1/2"	17#	11340'	7-7/8"	1100 SXS 'H'	TOC 4400'T.S.

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	11,085
						PACKER SET
						11,086

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11,270-9570	1500 gls, 20% NEFENCL
	11,200-11,225'	3000 gls, 20% NEFENCL

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
10-27-87		Flowing				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-1-87	24	18/64"		367	469	66	1278/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
350#						47.5° @ 58°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Flaring, Gas Gatherer Contract under negotiation	

35. List of Attachments
C-104, C-116, C-102, inclination report

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED <u>Maria L. Perez</u>	TITLE <u>Accounting Associate</u>	DATE <u>11-2-87</u>
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\* see correction on C-103 Filed 11-24-87

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy	1787	T. Canyon	11054	T. Ojo Alamo	T. Penn. "B"
T. Salt	1885	T. Strawn	11680	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt		T. Atoka	11902	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2954	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers	3197	T. Devonian		T. Menefee	T. Madison
T. Queen	3760	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	4170	T. Montoya		T. Mancos	T. McCracken
T. San Andres	4500	T. Simpson		T. Gallup	T. Ignacio Qtzite
T. Glorieta	6079	T. McKee		Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger		T. Dakota	T.
T. Blaine		T. Gr. Wash		T. Morrison	T.
T. Tubb	7312	T. Granite		T. Todillo	T.
T. Drinkard		T. Delaware Sand		T. Entrada	T.
T. Abo	8024	T. Bone Springs		T. Wingate	T.
T. Wolfcamp	9697	T.		T. Chinle	T.
T. Penn.		T.		T. Permian	T.
T. Cisco (Bough C)	10624	T.		T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES			
No. 1, from	11,200	to	11,264
No. 2, from		to	
No. 3, from		to	
No. 4, from		to	
No. 5, from		to	
No. 6, from		to	

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from		to		feet
No. 2, from		to		feet
No. 3, from		to		feet
No. 4, from		to		feet

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1787	1885	98	Anhydrite	8024	8200	176	Shale, Dolomite & Anhy.
1885	2800	915	Salt, Anhydrite, Silt, Sd	8200	9697	1497	Shaley Dolomite
2800	2954	154	Anhy, Silty Dolomite	9697	11197	1500	Lime and Shale
2954	3197	243	Sand, Siltstone w/Dolomite and Anhydrite	11197	11280	83	Limestone
3197	4170	973	Dolomite, Siltstone w/ Anhydrite	11280	11902	666	Limestone & Shale
4170	8024	3854	Dolomite with sand and Shale	11902	12050	148	Shale

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STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-7

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5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Company	8. Farm or Lease Name Arreguy 25
3. Address of Operator P.O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>510</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>15S</u> RANGE <u>34E</u> NMPM.	10. Field and Pool, or Wildcat Penn Townsend Permo Upper
15. Elevation (Show whether DF, RT, GR, etc.) 4035' GR	12. County Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <u>To correct total depth on C-105 dated 11/2/87</u> <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Total Depth 12,050'  
PDTD 11,320'

See attached wellbore sketch

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

SIGNED <u>Maria Perez</u>	TITLE <u>Associate Accountant</u>	DATE <u>11/24/87</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>DISTRICT 1 SUPERVISOR</u>	DATE <u>DEC 1 1987</u>
CONDITIONS OF APPROVAL, IF ANY:		

## WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

FIELD

DATE

ARREGUY 25 No. 1

TOWNSEND NORTH CANYON

OCTOBER 19, 198



PRESENT COMPLETION



SUGGESTED COMPLETION

## PERMANENT WELL BORE DATA

## DATA ON THIS COMPLETION

13 3/8", 54.5#, K-55,  
ST & C C&G. CS ± 519.  
CMT'D W/ 525 S&S 'C'.  
CIRC 59 S&S TO SURF. 519.

KB: 4056.5  
GL: 4035.5

8 5/8", 32 1/2 24#, S-80  
# K-55, ST & C C&G.  
CS ± 4800. CMT'D W/  
2300 S&S PRESETTER  
LITE + 300 S&S 'C'. CIRC  
300 S&S TO SURFACE.

4800

TOC ± 4400 VIA TEMP SURVEY

5 1/2", 17#, K-55 # N-80,  
BUTT. # LT & C PRODUCTION  
C&G. CS ± 11340, FC ± 11267  
SC ± 8516. 1<sup>ST</sup> STAGE CMT'D  
W/ 1100 S&S 'H' 50:50 PBZ.  
OPEN SC, DID NOT CIRC CMT.  
2<sup>ND</sup> STAGE CMT'D W/ 1100  
S&S 'C' 50:50 PBZ. DID  
NOT CIRC CMT. TOC ±  
4400 VIA TEMP SURVEY.

SC: 8516

CS: 11340

NEW TD: 11340

ORIGINAL TD @ 12050

11340

PBID: 11320

11340 - 11455 CMT PLUG

11798 - 11902; 30 S&S  
CLASS 'H' CMT PLUG.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Sun Exploration & Production Co.

Address  
P. O. Box 1861, Midland, Texas 79702

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) To add casinghead gas gatherer
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input type="checkbox"/> Change in Ownership	<input checked="" type="checkbox"/> Casinghead Gas	

☐ Dry Gas  
☐ Condensate

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Arreguy 25	Well No. 1	Pool Name, including Formation Townsend Permo Upper Penn	Kind of Lease State, Federal or Fee	Lease No. Fee
Location				
Unit Letter A	810	Feet From The North	Line and 510	Feet From The East
Line of Section 25	Township 15-S	Range 34-E	NMPM, Lea	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Sun Refining & Marketing Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2039, Tulsa, Oklahoma 74102
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> J. L. Davis	Address (Give address to which approved copy of this form is to be sent) 211 N. Colorado, Midland, Texas 79701
If well produces oil or liquids, give location of tanks.	Unit : A Sec. : 25 Twp. : 15-S Rge. : 34-E
Is gas actually connected? Yes	When : 11-15-87

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

OIL CONSERVATION DIVISION  
NOV 18 1987

APPROVED BY *[Signature]* 19  
TITLE DISTRICT 1 SUPERVISOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

*[Signature]*  
(Signature)  
Accounting Associate

11-12-87

(Title)

(Date)

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
Perforations						Depth Casing Shoe			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			

#### V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

#### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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# TIGHT HOLE

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Sun Exploration & Production Co.		<b>CASINGHEAD GAS MUST NOT BE FLARED AFTER 1-1-88 UNLESS AN EXCEPTION TO RULE IS OBTAINED.</b>
Address P. O. Box 1861, Midland, Texas 79702		
Reason(s) for filing (Check proper box)		Other (Please explain)
<input checked="" type="checkbox"/> New Well	Change in Transporter of:	Well originally permitted as a wildcat (Strawn). Well completed in the Canyon Reservoir.
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner **THIS WELL HAS BEEN PLACED IN THE POOL  
DESIGNATED BELOW. IF YOU DO NOT CONCUR  
NOTIFY THIS OFFICE.**

### II. DESCRIPTION OF WELL AND LEASE

Lease Name Arreguy 25	Well No. 1	Pool Name, including Formation Townsend Permo Upper Penn	Kind of Lease State, Federal or Fee	Lease No. Fee
Location Unit Letter <u>A</u> ; <u>810</u> Feet From The <u>North</u> Line and <u>510</u> Feet From The <u>East</u> Line of Section <u>25</u> Township <u>15-S</u> Range <u>24-E 34</u> , NMPM, <u>Lea</u> County				

### III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Sun Refining & Marketing Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2039, Tulsa, Oklahoma 74102	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Under Negotiation	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 25
	Twp. 15-S	Rge. 34-E
	Is gas actually connected? <input type="checkbox"/> When	

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

### VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Maria L. Pegg  
(Signature)  
Accounting Associate  
(Title)  
11-1-87  
(Date)

### OIL CONSERVATION DIVISION

APPROVED NOV 5 1987, 19  
BY [Signature]  
TITLE Geologist

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'
		X		X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.				
9-2-87	10-15-87		11,340		11,320				
Elevations (D.T. FORMER, GR. etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth				
4035.5 GR	Canyon		11,054		11,085				
Perforations						Depth Casing Shoe			
11,200'-11,264'						11,340			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17-1/2"		13-3/8"		519'		525 sxs "C"			
12-1/4 & 11"		8-5/8"		4800'		2600 sxs Pacesetter Lit			
7-7/8"		5-1/2"		11340'		1100 sxs "H"			
		2-7/8"		11,085'					

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
10-27-87	11-1-87	Flowing	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hrs	350#		18/64"
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	367	66	469

#### GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

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# TIGHT HOLE

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

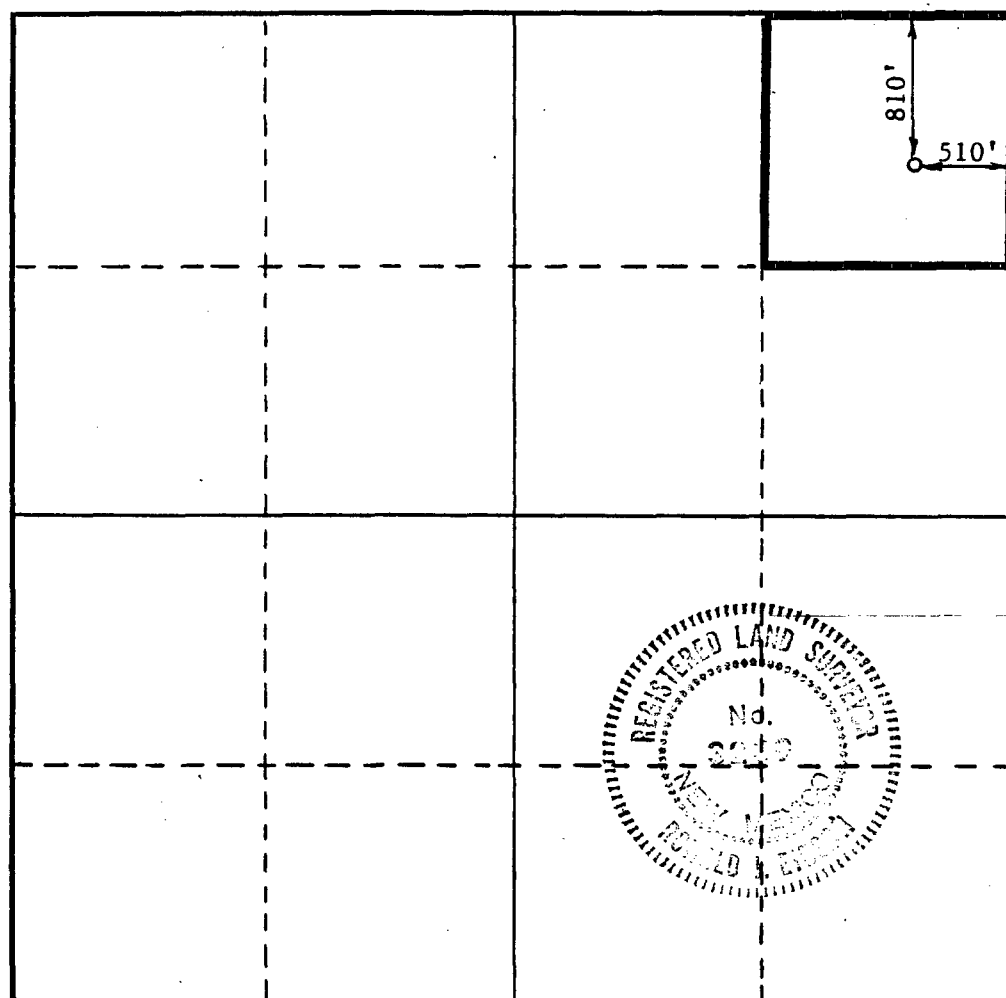
Operator <b>Sun Exploration &amp; Production Co.</b>		Lease <b>Arreguy 25</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>25</b>	Township <b>15 South</b>	Range <b>34 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>810</b> feet from the <b>North</b> line and <b>510</b> feet from the <b>East</b> line				
Ground Level Elev. <b>4035.5</b>	Producing Formation <b>Canyon</b>		Pool <b>Townsend Permo Upper Penn</b>	Dedicated Acreage: <b>40</b> Acres

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).
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?

☐ 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.

*Maria L. Perez*

Name

Maria L. Perez

Position

Accounting Associate

Company

Sun Expl. & Prod. Co.

Date

11-2-87

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

August 5, 1987

Registered Professional Engineer  
and/or Land Surveyor

*Ronald J. Eidson*

Certificate No. JOHN W. WEST,

676

RONALD J. EIDSON,

3239

INCLINATION REPORT

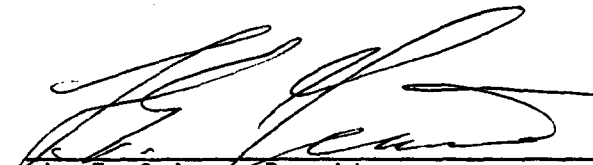
OPERATOR: Sun Exploration & Production Company  
P. O. Box 1861  
Midland, Texas 79702

LOCATION: Arreguy 25 #1,  
Lea County, New Mexico  
810' FNL & 510' FEL,  
Section 25, T-15-S,  
R-34-E.

DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
488	1	6,952	1/2		
1,008	2-3/4	7,483	3/4		
1,099	2-1/2	8,015	1		
1,350	1-1/2	8,448	1-1/2		
1,719	1	8,962	1-1/2		
1,914	3/4	9,470	3/4		
2,460	1-1/4	9,884	1-1/4		
3,050	1	10,220	1-1/2		
3,561	1/2	10,586	1-1/4		
4,108	1/4	10,990	2		
4,510	1/4	11,076	2-1/4		
4,800	1/4	11,340	2		
5,310	1/4	11,362	2		
5,820	1				
6,319	1/4	(Plugged back TD @ 11,340')			
6,839	3/4				

COUNTY OF MIDLAND  
STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.

  
L. E. Grimes, President

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2nd day of November 1987

  
Carolyn Stranger  
Notary Public

My commission expires: August, 1989



NOV - 1987 TIGHT HOLE

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Sun Exploration & Production Co.

Address  
P. O. Box 1861, Midland, Texas 79702

Reason(s) for filing (Check proper box)  
☒ New Well  
☐ Recompletion  
☐ Change in Ownership

Change in Transporter of:  
☐ Oil  
☐ Casinghead Gas

Other (Please explain) 1000  
Need to move 500 bbls of oil from tank to run potential test.  
Oct 1987

☐ Dry Gas  
☐ Condensate

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name: Arreguy 25  
Well No.: 1  
Pool Name, including Formation: *Undersig Townsend Permian Upper Permian*  
Kind of Lease: State, Federal or Fee  
Lease No.: Fee

Location  
Unit Letter: A  
Feet From The: 810 North Line and 510 Feet From The East  
Line of Section: 25 Township: 15-S Range: 34-E, NMPM, Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐  
Sun Refining & Marketing Co.  
Address (Give address to which approved copy of this form is to be sent)  
P. O. Box 2039, Tulsa, Oklahoma 74102

Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐  
Under Negotiation  
Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks:  
Unit: A Sec.: 25 Twp.: 15-S Rge.: 34-E  
Is gas actually connected? No When:

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

*Marin L. Perry*  
(Signature)  
Accounting Associate  
(Title)  
10-29-87  
(Date)

OIL CONSERVATION DIVISION

APPROVED *NOV 27 1987*  
BY *Jimmy Senter*  
TITLE *DISTRICT 1 SUPERVISOR*

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
Perforations 11200 - 11225 + 11240 - 11264'						Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

#### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

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OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-77

TIGHT HOLE

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Co.	8. Farm or Lease Name Arreguy 25
3. Address of Operator P. O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>510</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>15-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4035.5' Gr.	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Set 5-1/2" Casing, New Well

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

10-15-87

RUN & CMT 51 JTS 5-1/2" 17# K-55 BUTT, 149 JTS 5-1/2" 17# K-55 LTC & 71 JTS 5-1/2" 17# N-80 LTC. CSG, CS 11,340', FC 11,267', STAGE COLLAR AT 8516', MARKER JT 11,016', CIRC & COND HOLE, PRECEDE CMT W/500 GALS MUD FLUSH + 5 BBL 2% KCL WTR + 500 GALS AQUA-FIX + 5 BBL 2% KCL WTR, WESTERN CMT 1ST STAGE W/1100 SXS CLASS H 50:50 POZ + 2% GEL + 0.5% CF-9 - 0.3% TF-4, PD 8:00 PM, FP 1000-1400, DROP BOMB, OPEN STATE COLLAR, CIRC 4 HRS, DID NOT CIRC CMT OFF STAGE COLLAR, CMT 2ND STATE W/1100 SXS CLASS C 50:50 POZ + 2% GEL, PD 1:15 AM, FP 2000-3000#, CLOSE STAGE COLLAR, SET SLIPS, CUT OFF 5-1/2" CSG, NO BOP, NU TREE.

RAN TEMPERATURE SURVEY, TOC 4400'

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

SIGNED <u>Manig L. Pore</u>	TITLE <u>Accounting Associate</u>	DATE <u>10-29-87</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>DISTRICT 1 SUPERVISOR</u>	DATE <u>NOV 2 1987</u>
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-7

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LAND OFFICE	
OPERATOR	

API No. 30-025-29998

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Co.	8. Farm or Lease Name Arreguy 25
3. Address of Operator P. O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>510</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>15-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4035.5' Gr.	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER Amend Total Depth on C-101 ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amend proposed Total Depth on C-101 to 12,200'.

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

SIGNED Maria L. Pugh TITLE Acctng. Assoc. DATE 10-22-87  
APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE OCT 26 1987  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-7

**CONFIDENTIAL**

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Co.	8. Farm or Lease Name Arreguy 25
3. Address of Operator P. O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>810</u> FEET FROM THE <u>North</u> LINE AND <u>510</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>15-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 4035.5' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

**TIGHT HOLE**

9-2-87 Spudded @ 9 AM. R & C 12 jts, 13-3/8", 54.5#, K-55, STC Csg, CS 519', IF 476', Western Cmt'd w/525 sxs Class C w/2% CC + 1/4# Celloflake, TP 300-550#, Circ 59 sxs to surface w/partial returns thruout.

9-12-87R & C 56 jts 8-5/8", 32#, S-80, STC csg & 56 jsts 8-5/8", 24#, K-55, STC csg. CS 4800', FC 4750', Western cmt'd w/2300 sxs pacesetter lite w/10% salt + 1/4#/sk flocele, tailed w/300 sxs C Neat, PD 2:15PM, FP 1800 - 2000#, Circ 308 sxs, floats held O. K., ND BOP & set slips.

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

SIGNED Maria L. Perez TITLE Accounting Associate DATE 9-21-87  
APPROVED BY Eddie W. Searcy TITLE OIL & GAS INSPECTOR DATE SEP 23 1987  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-77

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LAND OFFICE	
OPERATOR	

API No. 30-025-29998

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Co.	8. Farm or Lease Name Arreguy 25
3. Address of Operator P. O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>810</u> FEET FROM THE <u>North</u> <u>510</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>15-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 4035.5' GR	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> To amend casing and cement program on form C-101 for permit to drill

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

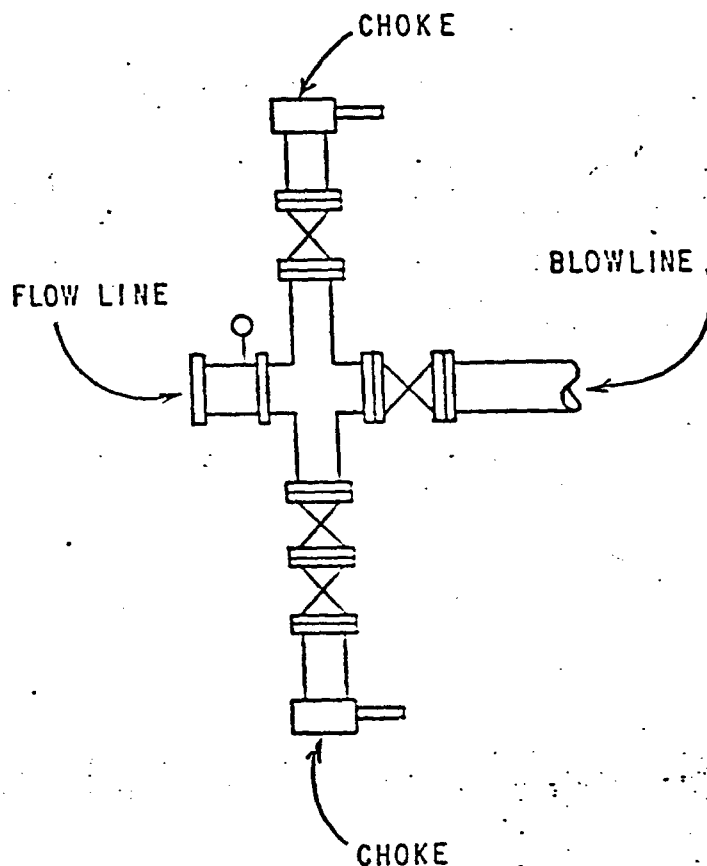
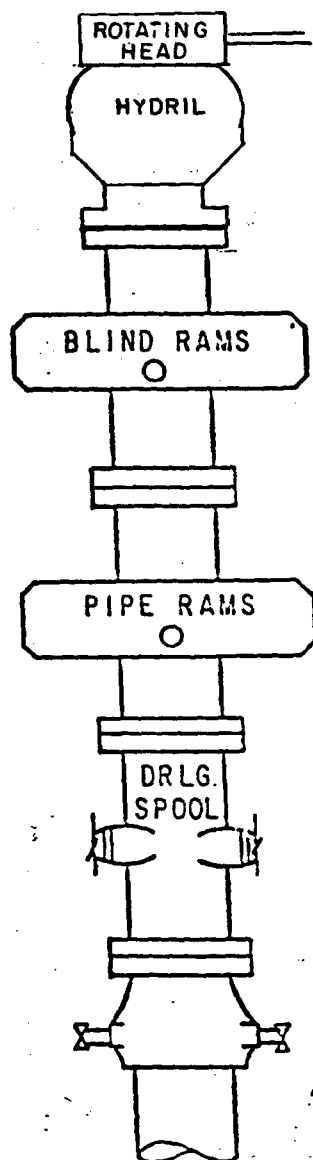
To amend casing and cement program on form C-101 for permit to drill

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5#	500'	525	Surf.
12-1/4"	8-5/8"	24 & 32#	4800'	3250	Surf.
7-7/8"	5-1/2"	17#	11,900'	1475	4800'

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

SIGNED Marilyn J. Perez TITLE Associate Accountant DATE 8-19-87  
APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE AUG 25 1987  
CONDITIONS OF APPROVAL, IF ANY:

# BLOWOUT - PREVENTER ASSEMBLY



## Pressure control equipment:

After setting the 8-5/8" casing string and before drilling into Wolfcamp formation, the blowout preventers and related control equipment shall be pressure tested to rated working pressures. Any equipment failing to test satisfactorily shall be repaired or replaced. This office should be notified in sufficient time for a representative to witness the tests and shall be furnished a copy of the pressure test report.

Pipe rams and the annular-type preventer shall be actuated at least once each 24 hours and the blind rams each time the drill pipe is out of the hole.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

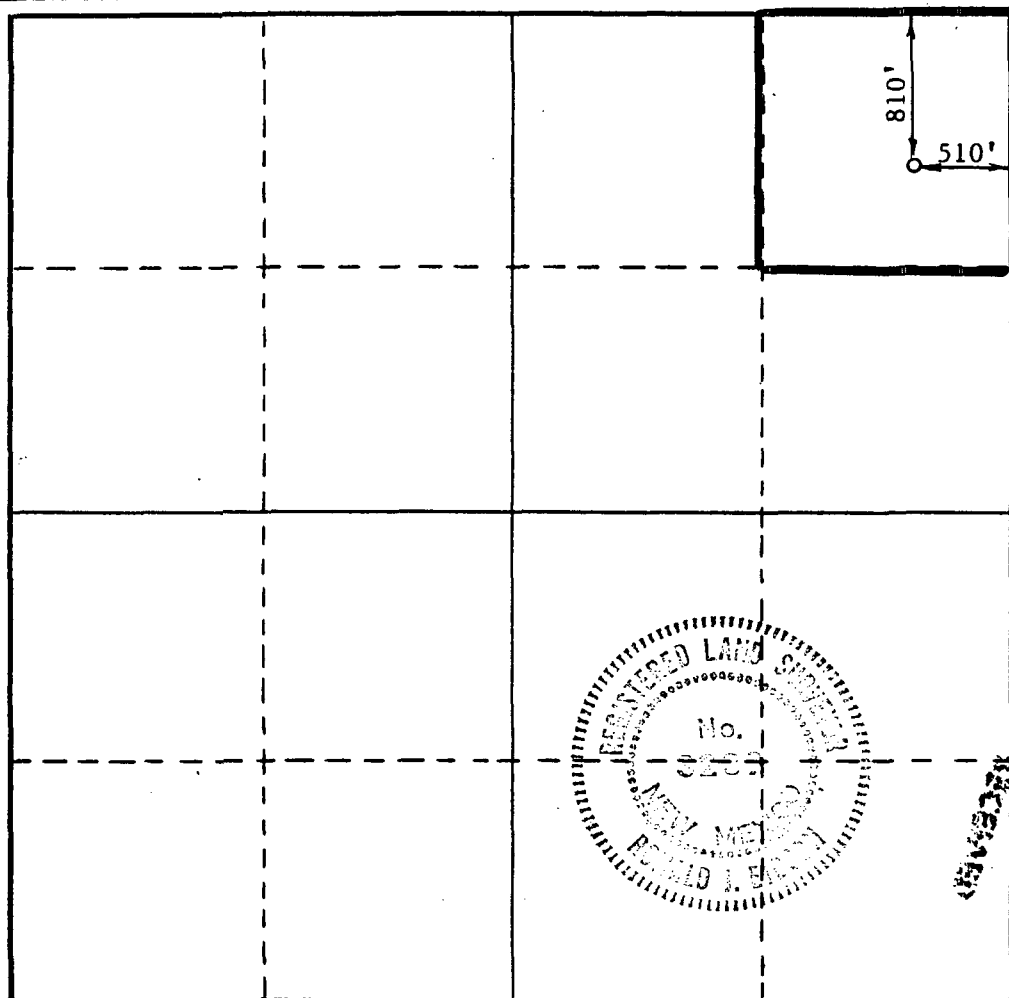
Operator <b>Sun Exploration &amp; Production Co.</b>			Lease <b>Arreguy 25</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>25</b>	Township <b>15 South</b>	Range <b>34 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>810 feet from the North line and</span> <span>510 feet from the East line</span> </div>					
Ground Level Elev. <b>4035.5</b>	Producing Formation <b>Straw:</b>		Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> Acres	

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).
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?

☐ 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.

*Maria L. Perez*  
Name  
**Maria L. Perez**

Position  
**Accounting Associate**

Company  
**Sun Expl. & Prod. Co.**

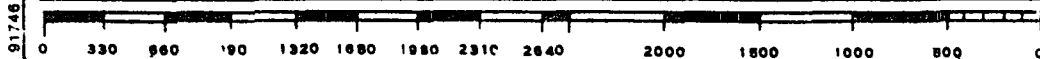
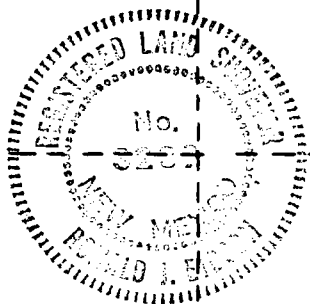
Date  
**8-7-87**

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  
**August 5, 1987**

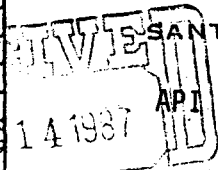
Registered Professional Engineer  
and/or Land Surveyor

*Ronald J. Eidson*  
Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**





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LAND OFFICE	
OPERATOR	



API NO. \_\_\_\_\_

5A. Indicate Type of Lease  
STATE ☐ FEE ☒  
5. State Oil & Gas Lease No. \_\_\_\_\_

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work OIL CONSERVATION SANTA FE		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Arreguy 25	
2. Name of Operator Sun Exploration & Production Co.,		9. Well No. 1	
3. Address of Operator Midland, Texas 79702, P. O. Box 1861		10. Field and Pool, or Wildcat Wildcat Strawn	
4. Location of Well UNIT LETTER A LOCATED 810 FEET FROM THE North LINE AND 510 FEET FROM THE East LINE OF SEC. 25 TWP. 15-S RGE. 34-E NMPM		12. County Lea	
19. Proposed Depth 12,000		19A. Formation Strawn	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4035.5'	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor -	22. Approx. Date Work will start Must spud by 9-3-87

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5	500'	500	Surf
12-1/4 or 11"	8-5/8"	24 & 32	5200'	2200	Surf
7-7/8"	5-1/2"	17 & 20	11,900'	1600	4800'

Surface Casing: 350' per Mr. Sadler w/OCC Hobbs

BOP - See attached sketch

Formation*	Tops Depth/Subsea								
Rustler Anhy	/	1768	+2280	/	Tubb	/	7388	-3340	/
Salado Salt	/	1893	+2155	/	Abo	/	8113	-4065	/
Tansill	/	2743	+1305	/	Wolfcamp	/	9748	-5700	/
Yates	/	2948	+1100	/	Cisco?	/	10650	-6602	/
Seven Rivers	/	3193	+ 855	/	Canyon	/	11070	-7022	/
Queen	/	3773	+ 275	/	Strawn	/	11655	-7607	/
Grayburg	/	4173	- 125	/	Atoka	/	11880	-7832	/
San Andres	/	4528	- 480	/	Morrow	/			/
Glorieta	/	6148	-2100	/	Miss Chester	/			/

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO  
TIVE 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.

Signed Maria L. Perez Title Accounting Associate Date 8-7-87

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR

DATE AUG 11 1987

CONDITIONS OF APPROVAL, IF ANY

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

**WRS COMPLETION REPORT**REISSUES  
PI# 30-T-0006 02/29/88 SEC 25 TWP 15S RGE 34E  
30-025-29998-0000 PAGE 1NMEX LEA \* 810FNL 510FEL SEC NE NE  
STATE COUNTY FOOTAGE SPOT  
SUN EXPL & PROD WD DO  
OPERATOR WELL CLASS INIT FIN  
1 ARREGUY "25"  
WELL NO. LEASE NAME  
4056KB 4036GR TOWNSEND  
OPER ELEV FIELD/POOL/AREA

API 30-025-29998-0000

LEASE TYPE/NO. PERMIT OR WELL I.D. NO.  
09/02/1987 11/01/1987 ROTARY OIL  
SPUD DATE COMP. DATE TYPE TOOL STATUS  
12000 PENN-PRM WILLBROS DRLG 12 RIG SUB 19  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 12050 PB 11320 FM/TD ATOKA  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.**LOCATION DESCRIPTION**

28 MI SE CAPROCK, NM

**WELL IDENTIFICATION/CHANGES**PROJ FM CHGD FROM STRAWN  
FIELD CHGD FROM WILDCAT**CASING/LINER DATA**CSG 13 3/8 @ 519 W/ 525 SACKS  
CSG 8 5/8 @ 4800 W/ 2600 SACKS  
CSG 5 1/2 @ 11340 W/ 1100 SACKS**TUBING DATA**

TBG 2 7/8 AT 11085

**INITIAL POTENTIAL**IPF 367BOPD 469 MCFD 66BW 18/64CK 24HRS  
CANYON PERF W/ 66/IT 11200-11264 GROSS  
PERF 11200-11225 11240-11264  
ACID 11240-11264 1500GALS  
20% NEFE HCL  
ACID 11200-11225 3000GALS  
20% NEFE HCL  
TP 350  
GTY 47.5 GOR 1278  
FIELD /RESERVOIR

CONTINUED IC# 300257022687

REISSUES SEC 25 TWP 15S RGE 34E  
 PI# 30-T-0006 02/29/88 30-025-29998-0000 PAGE 2

SUN EXPL & PROD WD DO  
 1 ARREGUY "25"

INITIAL POTENTIAL

/PENNSYLVANIAN-PERMIAN U

FCP PKR

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	RUSTLER		1787	2269
LOG	SALT		1885	2171
LOG	YATES		2954	1102
LOG	SVN RVRS		3197	859
LOG	QUEEN		3760	296
LOG	GRAYBURG		4170	-114
LOG	SN ANDRS		4500	-444
LOG	GLORIETA		6079	-2023
LOG	TUBB		7312	-3256
LOG	ABO		8024	-3968
LOG	WOLFCAMP		9697	-5641
LOG	CISCO	10624	-6568	
LOG	CANYON	11054	-6998	
LOG	STRAWN	11680	-7624	
LOG	ATOKA	11902	-7846	

LOGS AND SURVEYS /INTERVAL, TYPE/

LOGS	LDT	CNL	SONL
LOGS	GR	CCL	

DRILLING PROGRESS DETAILS

SUN EXPL & PROD  
 BOX 1861  
 MIDLAND, TX 79702  
 915-688-0300  
 PROJ FM - PENNSYLVANIAN-PERMIAN UPPER  
 08/11 LOC/1987/  
 09/08 DRLG (DEPTH NOT RPTD)  
 09/14 DRLG (DEPTH NOT RPTD)  
 09/22 DRLG (DEPTH NOT RPTD)  
 09/29 DRLG (DEPTH NOT RPTD)  
 10/07 DRLG (DEPTH NOT RPTD)  
 10/13 DRLG (DEPTH NOT RPTD)  
 11/04 12050 TD, PB 11320, WOPT  
 TD REACHED 10/15/87

CONTINUED

REISSUES SEC 25 TWP 15S RGE 34E  
PI# 30-T-0006 02/29/88 30-025-29998-0000 PAGE 3

SUN EXPL & PROD ARREGUY "25" WD DO  
1

DRILLING PROGRESS DETAILS

11/10 12050 TD, PB 11320  
COMP 11/1/87, IPF 367 BO, 469 MCFG, 66  
BWPD, 18/64 CK, GOR 1278,  
GTY 47.5, FTP 350, FCP PKR  
PROD ZONE - PENNSYLVANIAN-PERMIAN UPPER  
11200-11264  
02/22 NO CORES OR DSTS RPTD  
REISSUED TO CORRECT TD, FM @ TD, IP &  
ADD LOG TOPS, LOGS RUN, NO CORES STMT  
REPLACEMENT FOR CT ISSUED 11/13/87

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/05/00 08:08:59  
OGOMES -TPX2  
PAGE NO: 1

Sec : 25 Twp : 15S Rng : 34E Section Type : NORMAL

D 40.00  Fee owned	C 40.00  Fee owned	B 40.00  Fee owned	A 40.00  Fee owned
E 40.00  Fee owned	F 40.00  Fee owned	G 40.00  Fee owned	H 40.00  Fee owned

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/05/00 08:09:03  
OGOMES -TPX2  
PAGE NO: 2

Sec : 25 Twp : 15S Rng : 34E Section Type : NORMAL

L 40.00  Fee owned	K 40.00  Fee owned	J 40.00  Fee owned	I 40.00  Fee owned
M 40.00  Fee owned	N 40.00  Fee owned	O 40.00  Fee owned	P 40.00  Fee owned

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12