



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

Nov. 17, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Doyle Hartman
P.O. Box 10426
Midland, TX 79702

Attention: Michelle Hembree

RE: Administrative Order NFL-172

Dear Ms. Hembree:

Reference is made to your application for an Infill Well Finding and Well-Spacing Waiver made pursuant to Section 271.305(b) of the Federal Energy Regulatory Commission regulations, Natural Gas Policy Act of 1978, and the Oil Conservation Division Order No. R-6013 for the following described well:

H.S. Record Well No. 9 located 660 feet from the North line and 1820 feet from the East line (Unit B) of Section 22, Township 22 South, Range 36 East, NMPM, Lea County, New Mexico.

THE DIVISION FINDS THAT:

(1) Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements.

(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Jalmat Gas Pool, and the standard spacing unit in said pool is 640 acres.

(4) A non-standard 160-acre gas proration unit comprising the NE/4 of Section 22, Township 22 South, Range 36 East, is currently simultaneously dedicated to the subject well as described above and to the H.S. Record Well No. 1 located in Unit A of said Section 22.

(5) Said non-standard unit was previously approved by Division Administrative Order NSP-1485(SD).

(6) Said unit is not being effectively and efficiently drained by the existing well on the unit.

(7) The drilling and completion of the well for which a finding is sought should result in the production of an additional 530,258 MCF of gas from the proration unit which would not otherwise be recovered.

(8) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

IT IS THEREFORE ORDERED THAT:

(1) The applicant is hereby authorized to drill the H.S. Record Well No. 9 as described above, as an infill well on a 160-acre non-standard gas proration unit comprising the NE/4 of Section 22, Township 22 South, Range 36 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Michael E. Stogner
Examiner

cc: Oil Conservation Division - Hobbs

Doyle Hartman
P.O. Box 10426
Midland, Texas

Attention: Michelle Hembree

Re: Administrative Order NFL- 172

Dear Ms. Hembree:

Reference is made to your application for an Infill Well Finding and Well-Spacing Waiver made pursuant to Section 271.305(b) of the Federal Energy Regulatory Commission regulations, Natural Gas Policy Act of 1978, and Oil Conservation Division Order No. R-6013 for the following described well:

H.S. Record Well No. 9
located 660 feet from the (North) (South)
line and 1820 feet from the (East) (West) line
(Unit B) line of Section 22, Township
22 (North) (South), Range 36 (East) (West),
NMPM, Johnston Co County, New
Mexico.

THE DIVISION FINDS THAT:

(1) Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for in infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements.

(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are

empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Jalmat Gas Pool, and the standard spacing unit in said pool is 640 acres.

(4) A (standard) ~~(non-standard)~~ 160 -acre (oil) ~~(gas)~~ proration unit comprising the NE 1/4 of Section 22, Township 22 (North) ~~(South)~~, Range 31 ~~(East)~~ ~~(West)~~, is currently dedicated to the subject well as described above and to the N.S. Prorated ^{simultaneously} Well No. 1 located in Unit A of said Section 22.

Administrative Order (5) Said nonstandard unit was previously approved by *Division* Order No. NSP-1485(SD)

(6) Said unit is not being effectively and efficiently drained by the existing ~~(well)~~ (wells) on the unit.

(7) The drilling and completion of the well for which a finding is sought should result in the production of an additional 530,258 MCF of gas from the proration unit which would not otherwise be recovered.

(8) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

IT IS THEREFORE ORDERED THAT:


non-standard (1) The applicant is hereby authorized to drill the H.S. Record Well No. 9 as described above, as an infill well on ~~the existing~~ a 160-acre (oil) ~~(gas)~~ proration unit comprising the NE 1/4 of Section 22, Township 22 (North) ~~(South)~~, Range 26 ~~(East)~~ ~~(West)~~, NMPM, Jalmat Gas Pool, Lea County, New Mexico. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

Michael E. Stogner
Examiner

N.M.O.C.D. -

A handwritten signature in cursive script, appearing to read "Holler", is written over a horizontal line.

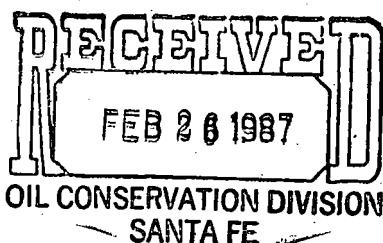
JOE C. NEAL & ASSOCIATES

PETROLEUM CONSULTANTS

ONE MARIENFELD PLACE SUITE 370

MIDLAND, TEXAS 79701

915: 683-4371



February 23, 1987

New Mexico Oil Conservation Division
District IV
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Mike Stogner

Re: Administrative Application For Infill Well Findings
For Doyle Hartman - H. S. Record-9
Section 22, T-22-S, R-36-E, 660' FNL and 1,820' FEL
Jalmat (Gas) Pool, Lea County, New Mexico

Gentlemen:

Application is hereby made for an administrative infill well finding along with initial gas deliveries for the subject well in accordance with Exhibit "A", Oil Conservation Division, New Mexico Department of Energy and Minerals, Order R-6013-A. The following complies with the requirements of the above order:

Rule 5: Attached are copies of the Forms C-101 and C-102.

Rule 6: The name of the pool in which the infill well has been drilled is the Jalmat Pool. The standard spacing for the pool is 640 acres.

Rule 7: The non-standard proration unit and unorthodox well location was approved by administrative order NSP-1485-(SD), a copy of which is attached hereto. The order was executed March 4, 1986, by Mr. R. L. Stamets, Director of Oil Conservation Division.

Rule 8: See attached Table 1 - Summary of Required Information, Rule 8, Exhibit "A", Order R-6013-A for requirements of Section "A" through "F". Section "G" requires "a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit".

The Jalmat (Gas) Pool well to which the present 160-acre non-standard proration unit was assigned, is the Doyle Hartman H. S. Record-1 Well. This well produced a mean daily average of 27.4 MCF of gas for the months

of January and February 1986, with a cumulative gas production of 3,896,000 MCF of gas as of January 1, 1987. As can be seen from the attached summarized completion data, and the well log for the Doyle Hartman (formerly Sun Exploration & Production Company's H. S. Record Unit-1) H. S. Record-1, the completion covers a gross interval of 145 feet from 3,387 to 3,532 feet. This correlates with the intervals in the Doyle Hartman H. S. Record-9 Well from 3,328 to 3,503 feet, but contains additional pay that was not treated in the H. S. Record-1 Well. The H. S. Record-9 Well perforations cover a gross interval of 175 feet, with an estimated net effective pay interval of 61 feet. The volumes of stimulation were significantly different for these wells and are as follows:

	<u>Doyle Hartman H.S. Record-9</u>	<u>Doyle Hartman H.S. Record-1</u>
Gross Completion Interval, Feet	175	145
Estimated Net Effective Pay Thickness, Feet	61	51
Volume of Stimulation:		
Acid, Gallons	6,450	1,000
Fracture Treatment, Gallons	Not Fractured	60,000
Pounds of Propant	Not Fractured	---
Volume of Stimulation Per Foot of Estimated Net Effective Pay:		
Gallons/Foot	---	1,176
Pounds/Foot	---	---
Production:		
January 1986, MCF	10,882	1,365
February 1986, MCF	13,945	252
Cumulative At		
January 1987, MCF	28,793	3,896,000

The infill Doyle Hartman H. S. Record-9 Well has 1.2 times greater gross perforated interval as compared to the Doyle Hartman H. S. Record-1 Well. The H. S. Record-1 Well was originally completed natural (no treatment) in open hole. In 1980, the well was deepened from 3,490 to 3,914 feet and a 4-inch liner was installed. The well was then perforated from 3,387 to 3,532 feet. The well flowed 30 MCF of gas per day after treatment. Either the stimulation of the well was not effective or severe depletion had previously occurred.

The most recent shut-in wellhead pressure reported for the H. S. Record-1 Well was 13 psia on July 2, 1985. A graphical plot of the shut-in wellhead pressure indicates that severe pressure decline occurred from October 1971 to August 1973 with the wellhead pressure dropping from 307 to 117 psia. Pressures were fairly constant from the years 1973 to 1983, at which time they began to decline rapidly, dropping from 115 psia in 1983 to 13 psia in July 1985. For all practical purposes, the H. S. Record-1 has been shut-in since February 1986. The shut-in wellhead pressure was 118 psia on February 8, 1987. It is my opinion that the reported wellhead pressure of 13 psia was not an accurate pressure. The shut-in wellhead pressure for the infill H. S. Record-9 Well was 300 psia on February 8, 1987.

The total interval of completion for the infill H. S. Record-9 is 175 feet thick, while the correlating interval in the pre-existing H. S. Record-1 Well was completed with approximately 145 feet. The additional 30 feet of gross pay has been perforated and stimulated in the infill H. S. Record-9 Well.

The reason the pre-existing H. S. Record-1 Well cannot efficiently and effectively drain the portion of the reservoir covered by the proration unit is that the well has less estimated net effective pay present and less gross pay opened and stimulated than does the H. S. Record-9 Well.

Rule 9

Section A: Attached is a Yates Formation structure map for the area including and surrounding the Doyle Hartman H. S. Record-9 Well, as required by Rule 9, Section A.

Section B: Below is a narrative describing the volume of increased ultimate recovery expected to be obtained and how it was calculated as required by Rule 9, Section B. The H. S. Record-9 Well has a volumetrically calculated estimated ultimate recovery of 530,258 MCF of gas from the 160-acre proration unit. We have assigned 187,387 MCF of remaining gross gas reserves to the pre-existing H. S. Record-1 Well at February 8, 1987. The estimate of increased gross gas recovery for the H. S. Record-9 Well was accomplished as follows:

1. The well logs on the H. S. Record-9 Well were analyzed and provided the following information:

Average Porosity, Fraction of Bulk Volume	0.191
Average Connate Water Saturation, Fraction of Net Effective Pore Volume	0.550
Net Effective Pay Thickness, Feet	61.000

2. Production tests for the H. S. Record-9 Well were performed on February 8, 1987. Analysis of these tests showed the following:

Initial Stabilized Wellhead Shut-in Pressure, Psia	300
Initial Gas Formation Volume Factor, SCF/CF	19.4

3. The volumetrically calculated estimated ultimate recovery was determined using the above information and is as follows:

Original Gas-In-Place:	
MCF/Acre	4,431
MCF/160 Acre	708,901
Estimated Gas Recovery Factor	
Fraction of Original Gas-In-Place	0.748
Estimated Ultimate Recovery,	
MCF/160 Acres	530,258

Section C: Additional supporting data are as follow:

1. Summarized completion data with well logs for the pre-existing H. S. Record-1 Well and the infill H. S. Record-9 Well.
2. Tabulated historical gas production data with a graphical display for the Doyle Hartman H. S. Record-1 and -9 Wells.
3. Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-exisiting H. S. Record-1 Well and the infill H. S. Record-9 Well.

We believe that the above information adequately documents this request. The report has been prepared in accordance with Exhibit "A", Order R-6013-A. If additional information is needed, please let us know.

Yours very truly,

JOE C. NEAL & ASSOCIATES

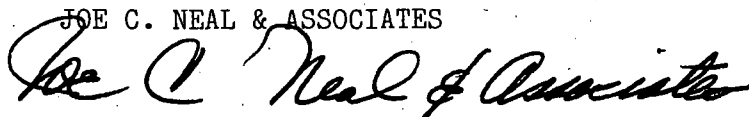


TABLE 1

Summary of Required Information
 Rule 8, Exhibit "A", Order R-6013A
 Section "A" Through "F"
 Natural Gas Policy Act Infill Findings, Administrative Procedure

<u>Section of Rule 8</u>	<u>Rule 8 Requirements</u>	<u>Pre-Existing Well Doyle Hartman, Operator</u>	<u>Infill Application Well Doyle Hartman, Operator</u>
A	Lease Name and Well Location	H. S. Record-1 660' FNL & 660' FEL, Section 22	H. S. Record-9 660' FNL & 1,820' FEL, Section 22
G	Spud Date	08/05/48	11/29/85
C	Completion Date	08/23/48	12/14/85
D	Mechanical Problems	None	None
E	Current Rate of Production	Produced 27.4 MCFPD Average for January and February 1986	Produced 451.4 MCFPD Average for January and February 1986
F	Date of Plug and Abandonment	Not Plugged	Not Plugged

30-025-39484
FEC

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

3A. Indicate Type of Lease
STATE ☐ FEE ☒

3. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name H. S. Record	
2. Name of Operator Doyle Hartman		9. Well No. 9	
3. Address of Operator Post Office Box 10426 Midland, Texas 79702		10. Field and Pool, or Wildcat Jalmat (Gas)	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1820 FEET FROM THE East LINE OF SEC. 22 TWP. 22S RGE. 36E NMPM		12. County Lea	
19. Proposed Depth 3800		19A. Formation Yates-Seven Rivers	
20. Rotary or C.T. Rotary		21. Elevation (Show whether DI, RT, etc.) 3531.5 G.L.	
21A. Kind & Status Plug. Bond Multi-Well Approved		21B. Drilling Contractor Not-Selected	
22. Approx. Date Work will start November 1985			

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	400	200	Circulate
8-3/4	7	23	3800	600	Circulate

Before drilling out from under the surface pipe, the well will be equipped with a 3000 psi, 10-inch series 900 Double-Ram Hydraulic BOP.

Note: Any gas produced from this well is dedicated to El Paso Natural Gas Co.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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.

Signed Larry G. Meyer Title Engineer Date October 28, 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

DATE NOV 27 1985

DEC 2 1985

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

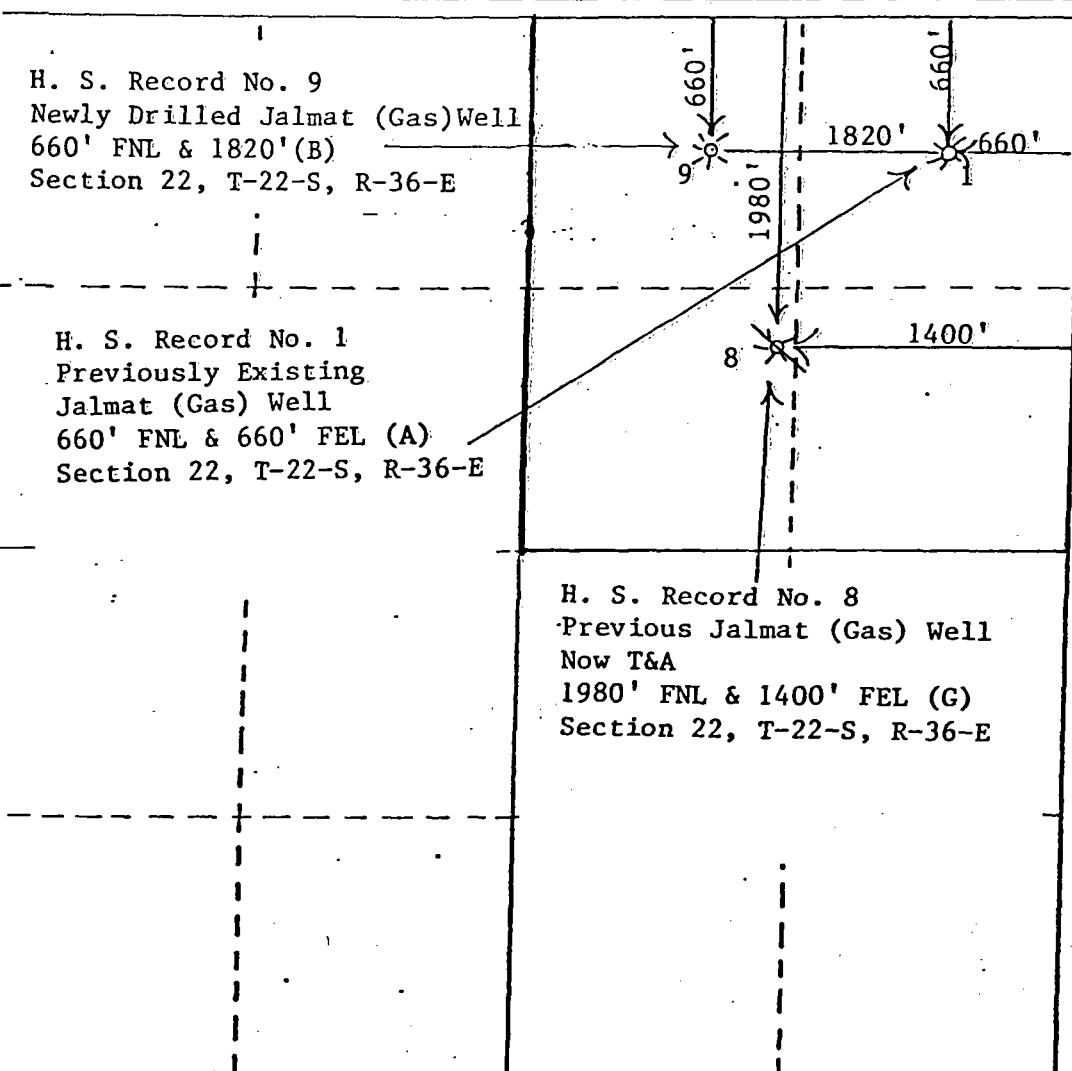
Owner Doyle Hartman		Lease H. S. Record		Well No. 9	
Well Letter B	Section 22	Township 22-South	Range 36-East	County Lea	
Actual Well Location of Well: 660 feet from the North line and 1400³ feet from the East line					
Ground Level Elev. 3531.5	Producing Formation Yates-Seven Rivers		Pool Jalmat (Gas)		Dedicated Acreage 160

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Name

Michelle Hembree

Position

Administrative Assistant

Company

Doyle Hartman

Date

March 31, 1986

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

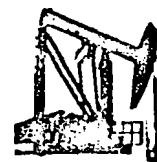
Registered Professional Engineer
and/or Land Surveyor

Certificate No.

50 YEARS



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



1935 - 1985

TONEY ANAYA
GOVERNOR

March 4, 1986

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Doyle Hartman
P. O. Box 10426
Midland, Texas 79702

Attention: Michelle Hembree,
Administrative Assistant

Administrative Order NSP-1485-(SD)


Dear Ms. Hembree:

Reference is made to your application for a 160-acre non-standard gas spacing and proration unit consisting of the SE/4 of Section 22, Township 22 South, Range 36 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

Also, you are hereby authorized to simultaneously dedicate this unit to your H. S. Record Wells Nos. 1 and 9 located 660 feet from the North and East lines (Unit A) and 660 feet from the North line and 1820 feet from the East line (Unit B), respectively, of said Section 22. Further, you are hereby permitted to produce the allowable assigned the unit from these wells in any proportion.

By authority granted me under the provisions of Division Order No. R-1670, as amended, governing the Jalmat Gas Pool, the above non-standard gas spacing and proration unit is also approved.

Sincerely,


R. L. STAMETS,
Director

cc: Oil Conservation Division - Hobbs

MAR 10 1986

COMPANY NEW TEX OIL CO.
(Sun)

WELL Record No. 1

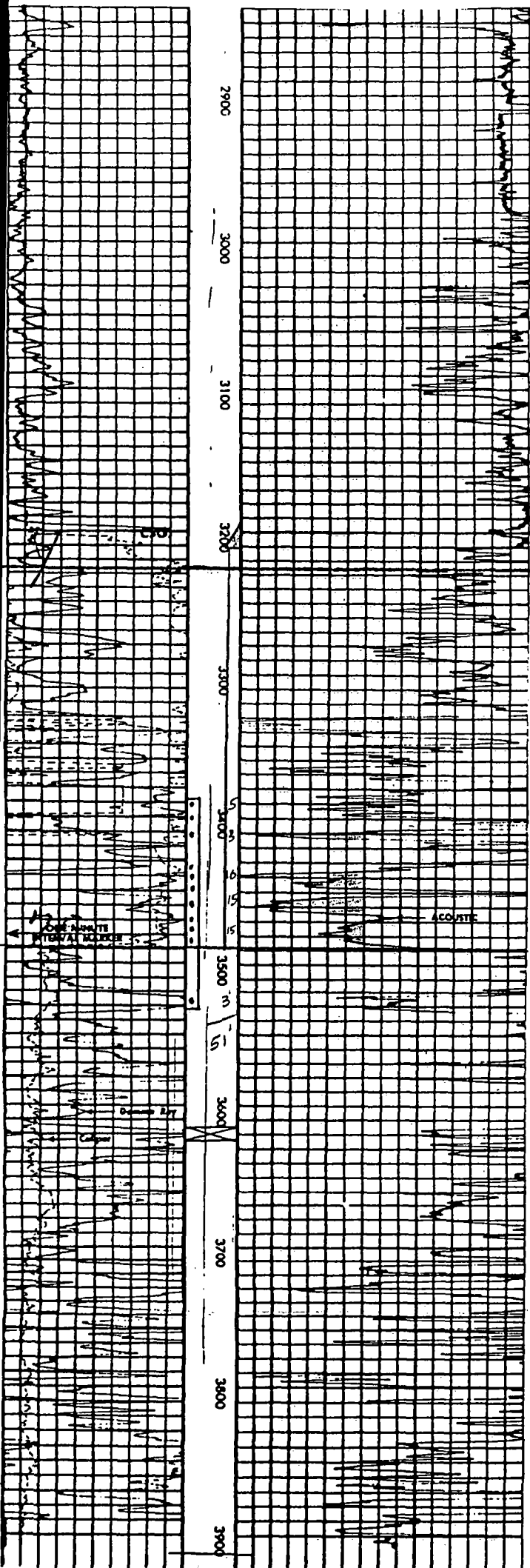
FIELD S. Eunice

LOCATION 660 FNL & 660 FEL (A)
Section 22, T-22-S, R-36-E

COUNTY LEA

STATE NEW MEXICO

ELEVATIONS: KB _____
DF 3538
GL _____



COMPLETION RECORD

SPUD DATE 8-5-48 COMP. DATE 8-23-48

TD 3490 PBTD _____

CASING RECORD 13 3/8 @ 60 W/50
9 5/8 @ 1606 W/1000
5 1/2 @ 3201 W/800

PERFORATING RECORD OH: 3201-3490
(Yates)

STIMULATION NATURAL

IP IPF=3060 MCFPD

GOR _____ GR _____

TP SITP=1100# CP SICP 1135#

CHOKE 2 TUBING 2 @ 3454

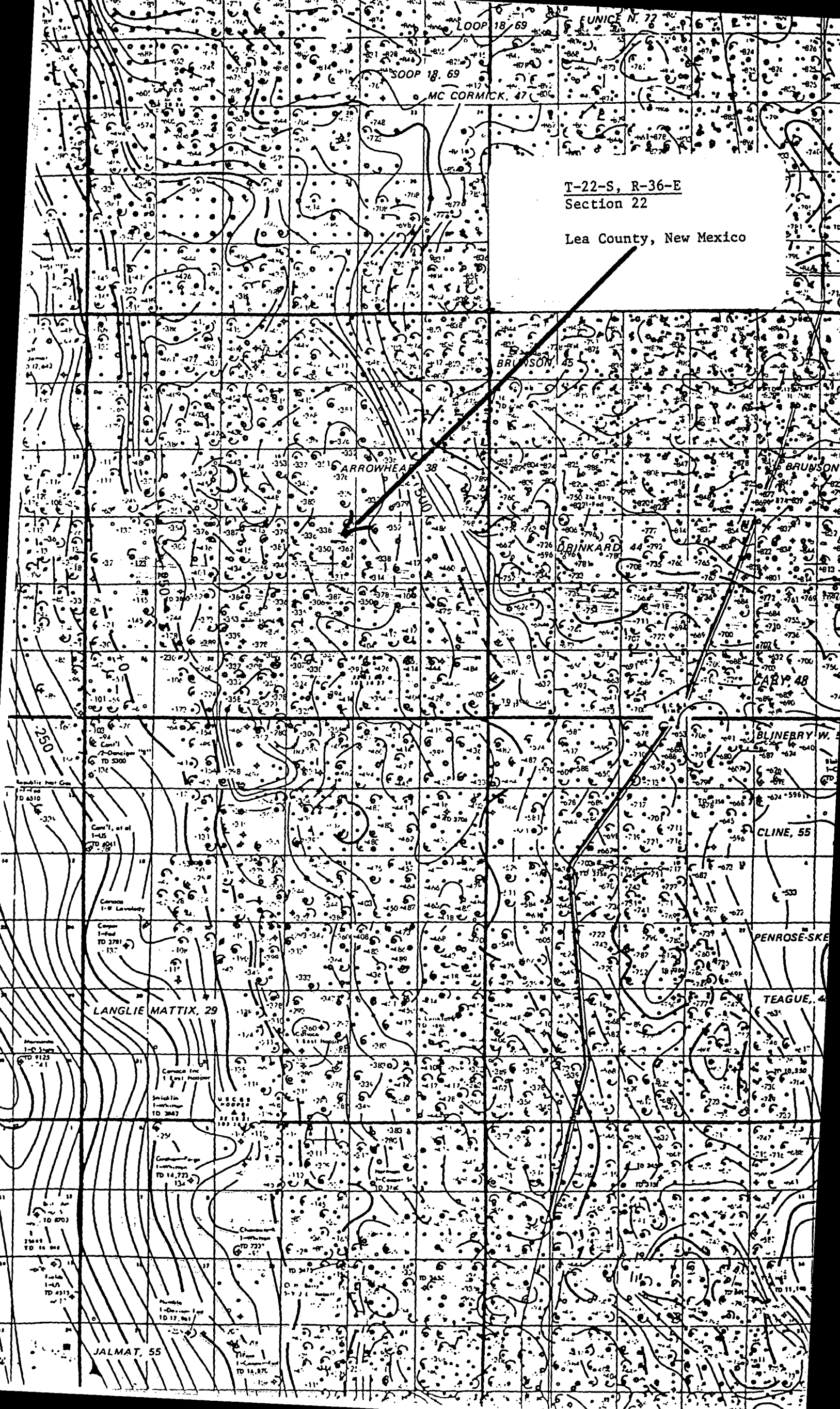
REMARKS 1ST 3205-65: Op 45 min
Sl. flare. Rec 30' mud. No Shows.

1ST 3265-3490: Op 45 min.
GTS 4 min, MUD 7 min. Est gas
5000 MCFPD. (Sweet).

2-11-80: DEEPENED TO 3914. Ran
4" liner (2982-3914). PBTD @ 3615.
Perf: 3387-3532. F/30 MCFPD.
A/1000. SF/60,000.

Avg 1984 Prod: 5 MCFPD
12-31-84 Cum: 3823 MMCF
6-25-84: PSIA 71.2

A-22-22S-36E



T-22-S, R-36-E
Section 22

Lea County, New Mexico

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Form C-103
Revised 11-1-84

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

3a. Indicate Type of Lease
State ☐ Fee ☐

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
H. S. Record

9. Well No.
9

10. Field and Pool, or Wildcat
Jalmar (Gas)

2. Name of Operator
Doyle Hartman

3. Address of Operator
Post Office Box 10426 Midland, Texas 79702

4. Location of Well

UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1820 FEET FROM THE East LINE OF SEC. 22 TWP. 22S RGE. 36E NMPM

12. County
Lea

15. Date Spudded 11-29-85	16. Date T.D. Reached 12-05-85	17. Date Compl. (Ready to Prod.) 12-14-85	18. Elevations (DF, KKB, RT, GR, etc.) 3531.5 G.L.	19. Elev. Casinghead 3532
20. Total Depth 3830	21. Plug Back T.D. 3823	22. If Multiple Compl., How Many ----	23. Intervals Drilled By Rotary Tools 0-3830	Cable Tools ----

24. Producing Interval(s), of this completion - Top, Bottom, Name
3328-3503 (Yates-Seven Rivers)

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CDL-DSN; Guard-Forxo; Dual Induction-Guard; RFT

27. Was Well Cored.
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	423	12-1/4	350 sx (circ)	None
7	26	3830	8-3/4	800 sx (circ)	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3378	None

31. Perforation Record (Interval, size and number)
22 shots with one shot each at: 3328, 3343, 3357, 3360, 3363, 3366, 3401, 3404, 3407, 3410, 3416, 3425, 3429, 3432, 3435, 3443, 3446, 3449, 3452, 3454, 3498, 3503

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3328-3503	A/6450 gal

PRODUCTION

33. First Production
12-14-85

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Shut-in

Date of Test 12-15-85	Hours Tested 24	Choke Size 20/64	Prod'n. For Test Period →	Oil - Bbl. ---	Gas - MCF 143	Water - Bbl. ---	Gas-Oil Ratio ---
Flow Tubing Press. FTP= 43	Casing Pressure FCP= 150	Calculated 24-Hour Rate →	Oil - Bbl. ---	Gas - MCF 143	Water - Bbl. ---	Oil Gravity - API (Corr.) ----	

Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Harold Swain

List of Attachments
Deviation Survey & C-104

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 Larry A. Nermyr TITLE Engineer DATE December 17, 1985

DEC 31 1985

COMPANY Doyle Hartman

WELL H.S. Record No. 9

FIELD Talmat (Gas)

LOCATION 660 ENL & 1820 FEL (B)
Section 22, T-22-S, R-36-E

COUNTY Lea

STATE New Mexico

ELEVATIONS:

KB 3541.5

DF

GL 3531.5

COMPLETION RECORD

SPUD DATE 11-29-85 COMP. DATE 12-14-85

TD 3830 PBTD 3823

CASING RECORD 9 5/8 @ 423 w/ 350
7 @ 3830 w/ 800

PERFORATING RECORD Perf: 3328-3503

STIMULATION A/6450

IP IPF = 143 MCFPD

GOR

GR

TP 43

CP 150

CHOKE 20/64

TUBING 2 3/8 @ 3378

REMARKS

Doyle Hartman
H.S. Record No. 9
B-22-22S-36E

Original Comp.
3328-3503
(12-14-85)

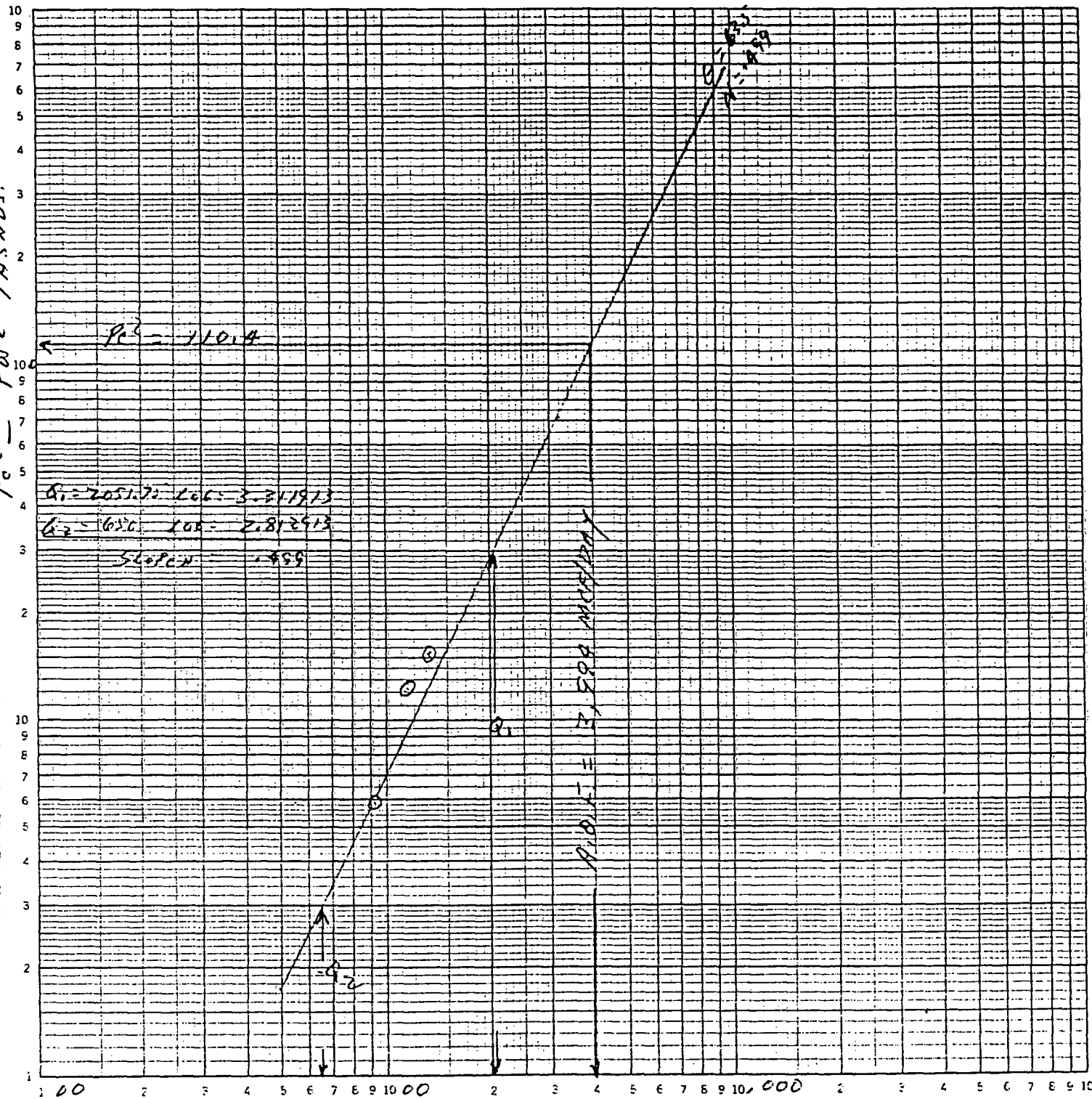
TD@ 3830

D 22-22S-36E

DOYLE HARTMAN
N.S. RECORD No. 9

467400
P₂ - P_{W2} TNS.NDS.

K_{FE} LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



Q-MCF/DAY

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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
State ☐ Free ☒ X
3. 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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Doyle Hartman	8. Form or Lease Name H. S. Record
3. Address of Operator Post Office Box 10426 Midland, Texas 79702	9. Well No. 9
4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE, SECTION <u>22</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> NMPM.	10. Field and Pool, or Whichever Jalmat (Gas)
15. Elevation (Show whether DF, RT, CR, etc.) 3531.5 G.L.	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 JOBS <input checked="" type="checkbox"/> X	OTHER <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 1103.

Drilled well to a total depth of 3830'. Ran 92 joints (3831.91') of 7" OD, 26 lb/ft, ST&C casing and landed at 3830'. Cemented with 500 sx of API Class C cement containing 3% Econolite, 5 lb/sx Gilsonite and 1/4 lb/sx Floseal followed by 300 sx of a 50-50 blend of Pozmix A containing 18% Salt, 5 lb/sx Gilsonite and 1/2 lb/sx Floseal. Plug down at 5:30 a.m. 12-07-85. Circulated 200 sx excess cement to pits. Pressure tested casing to 1500 psi and pressure held okay. Released pressure and float held okay.

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

SIGNED Michelle Hernandez TITLE Administrative Assistant DATE December 12, 1985

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-7

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FILE	
U.S.O.S.	
LAND OFFICE	
OPERATION	

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

SUNDY 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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Doyle Hartman	8. Firm or Lease Name H. S. Record
3. Address of Operator Post Office Box 10426 Midland, Texas 79702	9. Well No. 9
4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE, SECTION <u>22</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> NMPM.	10. Field and Pool, or Wildcat Jalmat (Gas)
11. Elevation (Show whether DF, RT, CR, etc.) 3531.5 G.L.	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 OPS. <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"/>	OTHER <input type="checkbox"/>

13. 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.

Spudded well at 3:00 p.m. CST 11-29-85. Drilled 12-1/4" hole to a total depth of 426' with spud mud. Ran 11 joints (426.40') of 9-5/8" OD, 36 lb/ft, ST&C casing and landed at 423'. Cemented with 350 sx of API Class C cement containing 2% CaCl. Plug down at 2:30 a.m. CST 11-30-85. Circulated 80 sx of excess cement to pits. WOC 21-1/4 hours.

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

Signed Michelle Hernandez TITLE Administrative Assistant DATE December 3, 1985

ORIGINAL SIGNED BY JERRY SEATON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE DEC 5 - 1985

CONDITIONS OF APPROVAL, IF ANY:

DEC 9 1985

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

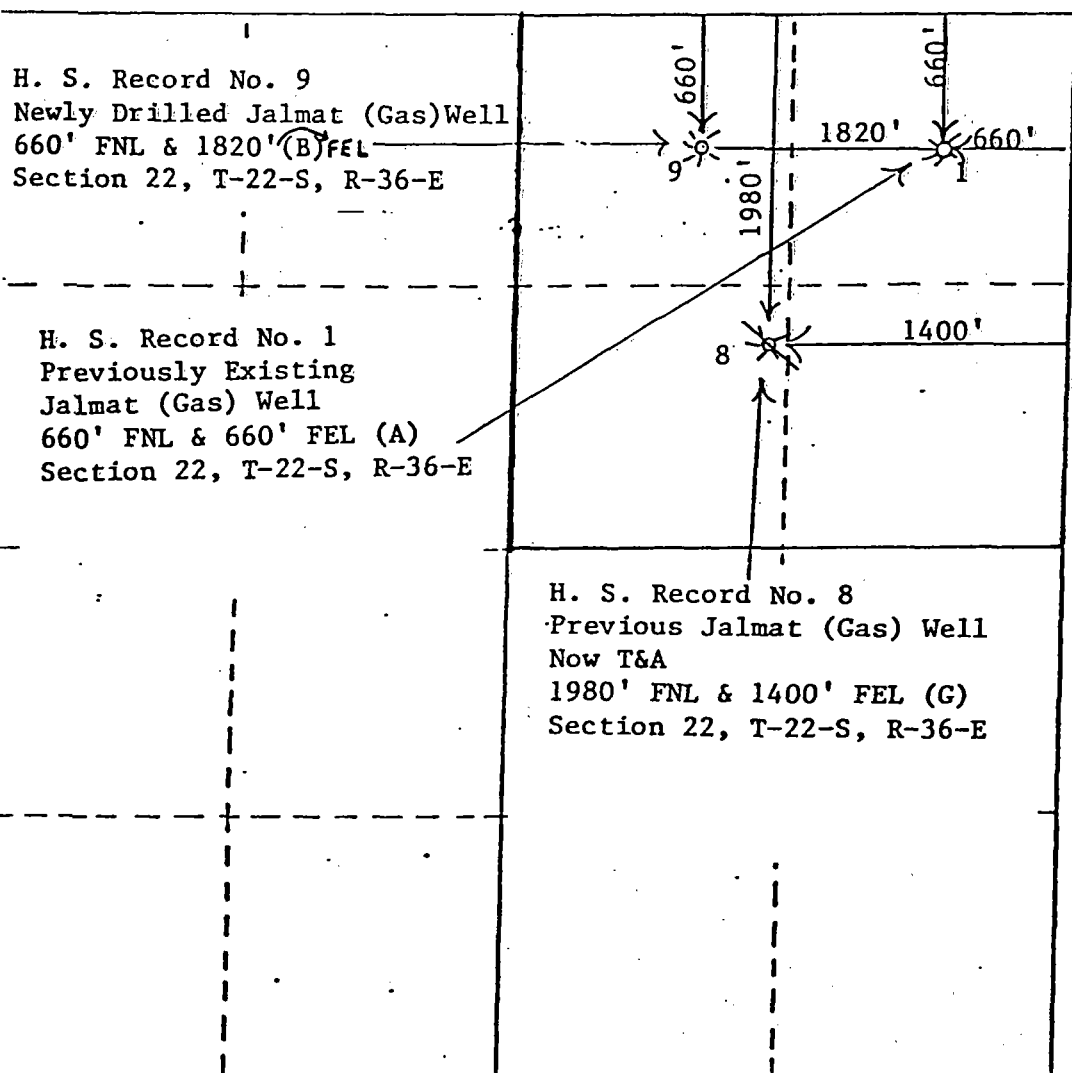
Owner Doyle Hartman			Lease H. S. Record		Well No. 9
Well Letter B	Section 22	Township 22-South	Range 36-East	County Lea	
Well Location of Well:					
660	feet from the	North	line and	1820	feet from the
					East
Well Level Elev. 3531.5	Producing Formation Yates-Seven Rivers		Pool Jalmat (Gas)	Dedicated Acreage 160	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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 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.

Michelle Hembree
Name

Michelle Hembree

Position

Administrative Assistant

Company

Doyle Hartman

Date

March 31, 1986

I hereby certify that the well location shown on this plat was plotted from field notes and 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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

30-025-39484
FEC

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name H. S. Record	
2. Name of Operator ✓ Doyle Hartman		9. Well No. 9	
3. Address of Operator Post Office Box 10426 Midland, Texas 79702		10. Field and Pool, or Wildcat Jalmat (Gas)	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>22S</u> RGE. <u>36E</u> NMPM		12. County Lea	
19. Proposed Depth 3800		19A. Formation Yates-Seven Rivers	
20. Rotary or C.T. Rotary		21. Elevations (show whether DF, RT, etc.) 3531.5 G.L.	
21A. Kind & Status Plug. Bond Multi-Well Approved		21B. Drilling Contractor Not-Selected	
22. Approx. Date Work will start November 1985			

23. 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	400	200	Circulate
8-3/4	7	23	3800	600	Circulate

Before drilling out from under the surface pipe, the well will be equipped with a 3000 psi, 10-inch series 900 Double-Ram Hydraulic BOP.

Note: Any gas produced from this well is dedicated to El Paso Natural Gas Co.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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.

Signed Larry G. Wynn Title Engineer Date October 28, 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY JERRY SEXTON DATE NOV 27 1985

ADDITIONS OF APPROVAL, IF ANY

DEC 2 1985

WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 11-63

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

Owner Doyle Hartman		Lease H. S. Record		Well No. 1
Well Letter A	Section 22	Township 22-South	Range 36-East	County Lea
Actual Well Location of Well:				
660	feet from the North	line and	660	feet from the East
Ground Level Elev. 3530	Producing Formation Yates-Seven Rivers	Pool Jalmat (Gas)	Dedicated Acreage 160	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

H. S. Record No. 9
Newly Drilled Jalmat (Gas) Well
660' FNL & 1820' (B) FEL
Section 22, T-22-S, R-36-E

H. S. Record No. 1
Previously Existing
Jalmat (Gas) Well
660' FNL & 660' FEL (A)
Section 22, T-22-S, R-36-E

H. S. Record No. 8
Previous Jalmat (Gas) Well
Now T&A
1980' FNL & 1400' FEL (G)
Section 22, T-22-S, R-36-E

CERTIFICATION

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

Michelle Hembree
Name

Michelle Hembree

Position
Administrative Assistant

Company
Doyle Hartman

Date
March 31, 1986

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

MAY 12 1986

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

I. Operator Doyle Hartman

Address Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing (Check proper box):
 New Well ☐ Change in Transporter of ☐
 Recompletion ☐ Oil ☐ Dry Gas ☐
 Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐

Other (Please explain) _____

If change of ownership give name and address of previous owner New Tex Oil Company P. O. Box 297 Hobbs, New Mexico 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>H. S. Record</u>	Well No. <u>1</u>	Pool Name, Including Formation <u>Jalmat Gas (Yates-7 Rivers)</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location Unit Letter <u>A</u> ; <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line of Section <u>22</u> Township <u>22S</u> Range <u>36E</u> , NMPM, <u>Lea</u> 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 checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Company</u>	<u>P. O. Box 1492 El Paso, Texas 79978</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <u>Yes</u> When <u>1-04-80</u>

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

V. 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, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay				Tubing Depth		
Perforations						Depth Casing Shoe		

NEW MEXICO
MINERAL DEPARTMENT

RECEIVED	
DATE	
TIME	
BY	
OFFICE	
TRANSPORTER	
OPERATOR	
PRODUCTION OFFICE	

NEW TEX OIL COMPANY

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

Form C-104
Revised 10-1-78

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Address
P. O. Box 297, Hobbs, NM 88240

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	
Change in Ownership <input checked="" type="checkbox"/>	
Change in Transporter of:	
Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

If change of ownership give name and address of previous owner Sinclair Development Company, Box 2192, Midland, TX 79702

DESCRIPTION OF WELL AND LEASE

Lease Name H. S. Record	Well No. 1	Pool Name, including Formation Jalmat Yates Seven Rivers	Kind of Lease State, Federal or Free	Lease
Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u>				
Line of Section <u>22</u> Township <u>22 S</u> Range <u>36 E</u> NMPM, Lea County				

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)
<u>El Paso Natural Gas Co.</u>	<u>P. O. Box 1492, El Paso, TX 79978</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	Yes

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil well	Gas well	New Well	Workover	Deepen	Plug Back	Same as last time
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.				
Elevations (DF, RAH, 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

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 rate 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

AS WELL

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

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]
(Signature)
Agent
(Title)
8/22/83
(Date)

OIL CONSERVATION DIVISION

APPROVED AUG 25 1983, 19
ORIGINAL SIGNED BY JERRY SEXTON
BY DISTRICT SUPERVISOR
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the device tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for all wells on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of condition.
Separate Form C-104 must be filed for each pool in multi-completed wells.

DATE Jan 28 19 80

ADVICE ON WELLS TIED INTO GAS GATHERING SYSTEMS

Name of Producer Sinclair Development Corp. (8085)

Well Name and Number H.S. Record 1

Location 660'N, 660'E, Sec. 22, T-22-S, R-36-E, Lea Co., NM

Pool Name Jalmat

Producing Formation Yates

Top of Gas Pay 3,387'

Oil or Gas Well Gas

Gas Unit Allocation .25 (40 Acres)

Date Tied Into Gathering Systems 1/4/80

Date of First Delivery 1/4/80

Gas Gathering System Lea County 100# Gathering System

Processed through Gasoline Plant (yes or no) Yes

Station Number 60-189-01

Remarks: Site Code: 60189-6-01

By: M H Mattern, Dispatching

NOTICE OF GAS CONNECTION

DATE January 8, 1980

This is to notify the Oil Conservation Division that connection for the

purchase of gas from the Sinclair Development Corp.

OPERATOR

H. S. Record #1

Lea

A 22-22-36

LEASE & WELL

COUNTY

UNIT S-T-R

Jalmat Yates

El Paso Natural Gas Co.

POOL

NAME OF PURCHASER

was made on January 4, 1980

DATE

60189 - 6

Q.

SITE CODE & SITE WELL NUMBER

El Paso Natural Gas Co.

PURCHASER

H. H. McEuen

REPRESENTATIVE

Assistant Chief Division Dispatcher

TITLE

MMH: bl

cc: Operator

Oil Conservation Division - Santa Fe, NM

H. P. Logan

M. E. McEuen

R. L. Tabb

Proration Dept.

Measurement Dept. - Jal

Earl Smith

File

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

RECEIVED
DIVISION
U.S.
LAND OFFICE
TRANSPORTER
OIL
GAS
OPERATION
REGISTRATION OFFICE
PERIOD

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Sinclair Development Corporation

Address
P.O. Box 2192, Midland, Tx. 79702

Reason(s) for filing (Check proper box) Other (Please explain)

New Well ☐ Change in Transporter of:
Recompletion ☒ Oil ☐ Dry Gas ☒
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name H.S. Record Well No. 1 Pool Name, including formation Jalmat-Yates Kind of Lease State, Federal or Fee Fee Lease No.

Location
Unit Letter A : 660 Feet From The North Line and 660 Feet From The East
Line of Section 22 Township 22S Range 36E N.M.P.M. Lea County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)
None-Well Standing
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company Box 1384 Jal, New Mexico 88252
Does well produce oil or liquids, give location of tanks. No Tanks At Present Is gas actually connected? No When Soon

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

COMPLETION DATA

Designate Type of Completion - (X) Oil Well Gas Well New Well Workover Deepen Plug Back Same Heavy Dill. Res.
Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D.
Casinghead (DF, RKB, RT, CR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth
Casinghead Depth Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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)


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

AS WELL

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

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.


Sinclair Oil Consultants, Inc.

11-7-79

(Date)

OIL CONSERVATION DIVISION

APPROVED JAN 11 1980

BY Jerry Sexton
Dist. 1, Supv.

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 deviated points taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for all wells on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.
Separate Form C-104 must be filed for each pool in multi-completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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WATER RESOURCES DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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.

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator

Sinclair Development Corporation

Address of Operator

P.O. Box 2192, Midland, Tx, 79702

Location of Well

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM

THE East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E N.M.P.M.

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

3530 GL

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

H.S. Record

9. Well No.

1

10. Field and Pool, or Well Unit

Jalmat-Yates

12. County

Lea

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

REPAIR REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

SPONTANEOUSLY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

REPAIR OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER Production Test ☒

OTHER ☐

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.

10-22-79

Shut-in pressure = 150 PSI. Opened well on Open choke and produced through 2x12.5 orifice critical well tester. Well pressure stabilized @ 78 PSI flowing pressure. Calculated production = 30 MCF per day. Test performed by EPNG and witnessed by H.G. Starling, Basin Consultant. Well now closed closed in waiting on Non-Standard Unit approval.

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

Basin Oil Consultants

DATE 11-7-79

Orig. Signed By

Jerry Sexton

Dist. L. Supv.

TITLE

DATE NOV 9 1979

PROVED BY

CONDITIONS OF APPROVAL, IF ANY

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2000

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 12-1-75

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U.S.O.S.	
LAND OFFICE	
OPERATOR	

SUNDARY NOTICES AND REPORTS ON WELLS

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

☐ CAS
WELL ☒ OTHER

of Operator

Sinclair Development Corporation

Address of Operator

Box 2192, Midland, Tx. 79702

Location of Well

1/4 SECTION A 660 FEET FROM THE North LINE AND 660 FEET FROM East
EAST LINE, SECTION 22 TOWNSHIP 22S RANGE 36E NMPM.

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

3530 GL

10. Indicate Type of Lease

State ☐ Fee ☒

11. State Oil & Gas Lease No.

12. Date of Agreement Date

13. Name of Lease Name

H.S. Record

14. Well No.

1

15. Field and Pool, or Unit

Jalmar Pools

16. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☒

ALTERING CASING ☒

REARLY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

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.

10-8-79

Titan Dresser-Atlas Gamma Ray CCL Log, Set cast iron bridge plug @ 3625' (above Seven Rivers), Dumped 10' cement on top of bridge plug. PBTD=3615'. Perforated 4" casing w/ one jet shot at 3387-90-95-98-3413-40-45-58-60-64-75-9-84-3525-32. Hole loaded w/ 2% KCL water and 110 gal. 15% acid spotted over pay zone prior to perforating. Acid treated formation w/ 1,000 gal. 15% acid. Broke @ 1100 PSI, dropped 20 ball sealers. Positive ball-action. Balled out. Max. press.=2000 PSI. Inj. rate=2.5 BPM. Instant S.I.=300 PSI, 3 Min.=vacuum. Swabbed 19 bbls water, Well dry, 36 bbls water under load. S.I 14 hrs. Tbg. Press.=165 PSI. Bled well off, swabbed no fluid. Unseated pkr, swabbed 53 bbls water, well dry. 56 BWUL. Pulled tbg, Ran pkr & frac pipe, fraced formation w/ 40,000 gal. frac (Western). 20,000 gal. Titan 11-30 & 20,000 gal. CO2, & 100 mesh sand, 20-40, & 10-20 mesh sand. Max press.=2500, Avg.=2200, inj. rate=.8 BPM. Inst.S.I.=650, 5-min.=650, 10 min.=600, 15 min.=575. 2 hrs.=250. Blew well down in three hrs. Ran swab, no fluid. 660 BWUL. Pulled frac pipe & pkr Ran 2" tbg, tagged sand fill @ 3595', hung tbg @ 3472 w/ bull-plugged perforations @ 3472'-3468'. Ran swab, No fluid. Closed well in. After 24 hr S.I. tbg press.=200 PSI, csg. press.=300 PSI. Tests to follow. Work completed 10-15-79.

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

TITLE Basin Oil Consultants, Inc. DATE 10-16-79

TITLE SUPERVISOR DISTRICT 1 DATE OCT 17 1979

SIGNATURES 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 10-1-79

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LAND OFFICE	
OPERATOR	

3a. 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.)

OIL WELL ☐ GAS WELL ☒ OTHER

Name of Operator

Sinclair Development Corporation

Address of Operator

Box 2192, Midland, Tx.

Location of Well

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM
THE East LINE. SECTION 22 TOWNSHIP 22S RANGE 36E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name

Sun-H.S. Record

9. Well No.

1

10. Field and Pool, or Wildcat
South Eunice

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

3530 GL

12. County
Lea

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

PERFORM REMEDIAL WORK ☒

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

REMEDIAL WORK ☐

COMMENCE DRILLING OPERATIONS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

7. 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.

Present TD: 3914

4" Liner Cemented @ 3913

Queens Zone has been squeezed off. Plan is to set C.I. Bridge Plug above Seven Rivers (3625*) Cap plug with cement, perforate 4" csg to re-enter the Yates. Frac treat Yates with 40,000-50,000 Gal. Frac Treatment.

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

ISSUED

TITLE Basin Oil Consultants, Inc. DATE 9-24-79

Orig. Signed by

Jerry Sexton

Dist 1, Supv.

APPROVED BY

TITLE

DATE SEP 24 1979

ADDITIONS OF APPROVAL, IF ANY:

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 Sinclair Development Corp		Lease H.S. Record		Well No. 1
Well Letter A	Section 22	Township 22S	Range 36E	County Lea
Well Location of Well:				
660 feet from the North line and		660 feet from the East line		
Ground Level Elev. 3530	Producing Formation Yates	Pool Jalmat	Dedicated Acreage: 40	

- 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 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.

[Signature]
Basin Oil Consultants, Inc.

Position
Sinclair Dev. Corp.

Company
9-24-79

Date

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

Registered Professional Engineer and/or Land Surveyor

County of Lea

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TRANSPORTER	OIL
	GAS
OPERATION	
PERMITS OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GASOperator
Sinclair Development CorporationAddress
P.O. Box 2192, Midland, Tx. 79702

Reason(s) for filing (Check proper box)

New Well ☐
Recompletion ☐
Change in Ownership ☒

Change in Transporter oil

Oil ☐
Casinghead Gas ☐Dry Gas ☒
Condensate ☐

Other (Please explain)

This report filed to change name
of Operator only.If change of ownership give name
and address of previous owner C.H. Juni, 1500 Douglas, Midland, Tx. 79701

I. DESCRIPTION OF WELL AND LEASE

Lease Name H.S. Record Unit	Well No. 1	Pool Name, including Formation Jalmat -Yates	Kind of Lease State, Federal or Fee fee	Lease
Location Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line of Section 22 Township 22S Range 36E, NMPM, M Lea Co				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> None- Well Standing	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"/> Not Connected	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks. No tanks at present	Unit Sec. Twp. Rge. Is gas actually connected? No When

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. F
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					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT


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
able 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

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.
Basin Oil Consultants, Inc.

9-24-79

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED SEP 24 1979, 19

BY Orig. Signed by
Jerry Sexton
TITLE Dist. 1. Supp

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

If this is a request for allowable for a newly drilled or deep
well, this form must be accompanied by a tabulation of the devi
tests taken on the well in accordance with RULE 111.All sections of this form must be filled out completely for a
able on new and recompleted wells.Fill out only Sections I, II, III, and VI for changes of o
well name or number, or transporter, or other such change of condSeparate Forms C-104 must be filed for each pool in mul
recompleted wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

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

Form C-103
Revised 10-1-70

5a. Indicate Type of Lease

State ☐ For ☒

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.)

OIL WELL ☐ GAS WELL ☐ OTHER ☒

7. Unit Agreement Name

A

8. Farm or Lease Name

Sun Record

9. Well No.

1

10. Field and Pool, or Wildcat

So. Eunice Queen

Name of Operator

C. H. Juni

Address of Operator

1500 Douglas, Midland, Texas 79701

Location of Well

UNIT LETTER A 660 FEET FROM THE North LINE AND 560 FEET FROM

THE East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E N.M.P.M.

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

12. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☒

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

REPAIR OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

OTHER ☐

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.

June 12, 1979 ReSpd OTD 3490 Drilled 4 3/4" hole to NTD 3914.
June 18, 1979 Ran 4" OD Flush Joint Liner to 3913 with top of liner hanger @ 3913
Cement w/250 sac of cement.
June 21, 1979 Perforate 4" line @ 3839, 3847, 3851, 3855 and 3861.
June 22, 1979 Ran RTTS pack on 2 3/8 tubing & treated with 1750 gals. acid, Swabbed
dry, 46 bbls. acid lift in formation.
June 23, 1979 Fraced w/30,000 gals. & 60,000 # Sd, Swabbed & Flowed Load, Swabbed
water (analysis showed water to be injection water).
June 27, 1979 Squeezed perforation 3839-3861 w/150 sac cement. Perforate 3679.
3705, 3717, 3727, 3732, 3753 & 3761.
June 28, 1979 Ran tubing w/RTTS. Acidized w/3000 gals. Swabbed dry. 38 Bbls.
of fluid left in formation.
July 1, 1979 Temporarily Abandoned.

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

SIGNED C. H. Juni

TITLE Operator

DATE 9-21-79

Orig. Signed by
Jerry Sexton

APPROVED BY Dist 1. Supv.

TITLE

DATE SEP 24 1979

CONDITIONS OF APPROVAL, IF ANY:

Expires 9/24/80

COUNTY LEA FIELD Eunice, S. STATE NM
 OPR SINCLAIR DEVELOPMENT CORP. API MN 09000
 NO 1 LEASE Sun Record
 Sec 22, T22S, R36E
 660 FNL, 660 FEL of Sec 2-3-22 NM
 6 mi SE/Eunice REPT 6-12-79 REM 1-4-80

CSC	WELL CLASS: INIT DD FIN DG LSE. CODE			
	FORMATION	DATUM	FORMATION	DATUM
13 3/8-60-100 sx				
9 5/8-1606-1000 sx				
5 1/2-3201-800 sx				
4-lnr-2982-3914-250 sx				
2-3472				
	TD 3914 (QUEN)		PBD 3615	

IP (Yates) Perfs 3387-3532 F 30 MCFGPD. Pot based on
 24 hr test thru op chk. GOR (NR); gty (NR); CP Pkr; TP 78

P.L.C. El Paso Natural Gas

CONTR X-Pert OPRSTIV 3538 DF PD 4000 RT

10-15-79 F.R. 6-4-79 OWDD
 (Queen)
 (Orig. Sun Oil Co., 1 HS record Unit, comp.
 8-23-48 from (Yates) OH 3201-3490, OTD 3490)
 TD 3914; SI
 Deepened 3490-3914
 Ran 4 lnr
 Perf (Queen) @ 3839, 3847, 3851, 3855, 3861
 Acid (3839-61) 1750 gals
 Frac (3839-61) 30,000 gals + 60,000# sa
 Swbd dn w/NS (3839-61)
 Sqzd (3839-61) w/150 sx & DOC
 Perf (Queen) @ 3679, 3705, 3717, 3727, 3732,
 3753, 3761
 Acid (3679-3761) 3000 gals
 Swbd dn w/NS (3679-3761)
 11-3-80 TD 3914; PBD 3615; Complete
 PB to 3615
 Perf (Yates) @ 3387, 3390, 3395, 3398, 3413,
 2-3-22 NM

LEA
SINCLAIR DEVELOPMENT
CORP.

Lea, N.
1 Sun Acct.

NM
Page #2

11-3-80

Continued

3440, 3445, 3458, 3460, 3464, 3475, 3479,
3484, 3525, 3532

Acid (3387-3532) 1000 gals (15%)

Frac (3387-3532) 60,000 gals + 20,000 gals

CO₂ + sd

2-16-80

TEMPORARY COMPLETION ISSUED

11-8-80

RE-ISSUE OF SUSPENDED COMPLETION & TO AMEND
OPERATOR: Formerly reported as Juni, C. H.

2-3-22 NM

IC 30-025-70181-79

C.H. JUEL #1 SHU REFORM
LEA COUNTY, NEW MEXICO

DRILLING REPORT

June 9, 1979	Rig up X-Port Well Service unit. Pull rods, install B.O.P. and pull tubing. (126 3/4" rods and 102 joints tubing 3154' plus seating nipple, perforated nipple and 15' mud anchor.																				
June 10, 1979	Did not work.																				
June 11, 1979	Did not work.																				
June 12, 1979	Rig up X-Port reverse rig. Pick up 4 3/4" bit and 8- 3 1/8" drill collars. Cleaned out 7 7/8" hole from bottom of casing at 3200' to 3490'. Make approximately two feet of hole. Pull up in casing and shut down for night.																				
June 13, 1979	Reverse out four feet fill. Drill to 3508'. Pull tubing to change bit. Ran button bit. At 7:00 A.M. drilling at 3576'.																				
June 14, 1979	Drilling at 3576'.																				
June 15, 1979	Drilling at 3712'.																				
June 16, 1979	Drilling at 3774'.																				
June 17, 1979	Drilling at 3829'.																				
June 18, 1979	<table border="0"> <tbody> <tr> <td>T.D. 3914'.</td> <td></td> </tr> <tr> <td>Ran</td> <td>1.25'</td> </tr> <tr> <td></td> <td>16.96'</td> </tr> <tr> <td></td> <td>.05"</td> </tr> <tr> <td>33 Jts.</td> <td>903.00'</td> </tr> <tr> <td></td> <td>10.00'</td> </tr> <tr> <td>Total</td> <td>931.18'</td> </tr> </tbody> </table> <table border="0"> <tbody> <tr> <td>Float shoe 5" O.D. 11.34# 3 rd.</td> </tr> <tr> <td>shoe joint 4" O.D. 11.34# 3 rd.</td> </tr> <tr> <td>landing collar 3 rd.</td> </tr> <tr> <td>4" O.D. 11.34# 4 drill P. J.</td> </tr> <tr> <td>4" O.D. Baker HyFlo Ranger-Packer</td> </tr> </tbody> </table>		T.D. 3914'.		Ran	1.25'		16.96'		.05"	33 Jts.	903.00'		10.00'	Total	931.18'	Float shoe 5" O.D. 11.34# 3 rd.	shoe joint 4" O.D. 11.34# 3 rd.	landing collar 3 rd.	4" O.D. 11.34# 4 drill P. J.	4" O.D. Baker HyFlo Ranger-Packer
T.D. 3914'.																					
Ran	1.25'																				
	16.96'																				
	.05"																				
33 Jts.	903.00'																				
	10.00'																				
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Float shoe 5" O.D. 11.34# 3 rd.																					
shoe joint 4" O.D. 11.34# 3 rd.																					
landing collar 3 rd.																					
4" O.D. 11.34# 4 drill P. J.																					
4" O.D. Baker HyFlo Ranger-Packer																					

June 18, 1979
(contl.)

Set liner on hanger one foot off bottom at 3913' with top of liner hanger at 3882'. Landing collar and plugs at 3895'. Cemented with 250 sacks Class "C" with 5# salt per sack, 0.3 of 1% HLX 249 per sack, and 0.3 of 1% CFR-2 per sack. Reversed out approximately 80 sacks cement. Job completed approximately 5:30 P.M. 6-17-79 Pumped plug down with 250 gallons MCA and KCl water.

June 19, 1979

Waiting on cement.

June 20, 1979

Waiting on cement.

June 21, 1979

Rig up Perfo-Jet. Go in hole with wire line. Unable to get below top of liner. Run 4 3/4" bit and casing scrapper to top of liner. Run 3 5/16" bit to bottom at 3895'. Run cement bond log, run Gamma-Ray collar log, perforate one hole at 3839', 3841', 3847', 3851', 3855', 3861' - total six holes.

June 22, 1979

Ran RTTS packer on 2 3/8" tubing, treated perforations with 250 gallons MSA 10% and 1500 gallons MCA 15%. Formation broke at 2500#. Dropped 12 ball sealers. Balled out. Maximum pressure 2600#, average pressure 2500#, average rate 3 BPM, Acid 36 bbls. Flush 24 bbls. Total 60 bbls. Swabbed 14 bbls. water. Swabbed dry. 46 bbls. left in formation.

June 23, 1979

Rig up Halliburton to frac.
Pumped 2000 gallons pre pad with 3% Parasperse
3000 gallons pad and CO₂
2000 with 2# 20-40 sand
1600 gallons with 2# 20-40 sand
1700 gallons cut sand, start flush
1750 gallons flush.

Mechanical trouble.
Total 12,110 gallons.

Regrouped. Called for additional material for complete frac job.

Pumped 1000 gallons pad and CO₂
2000 gallons with 2# 20-40 sand
1700 gallons with 2# 20-40 sand
3000 gallons with 4# 20-40 sand
3000 gallons with 5# 20-40 sand
4000 gallons with 5# 10-20 sand
1700 gallons with 5# 10-20 sand
1700 gallons flush
18100

June 23, 1979
(cont1.)

Pumping pressure	maximum	3450#
	minimum	2700#
Pumping rate	maximum	12 BPM
	minimum	11 BPM

ISIP	1230#		
5 min SIP	1160#	Average rate	11 BPM
10 min SIP	1100#	Average PSI	2900 #

Total fluid 417 bbls. plus 46 bbls. from previous acid job. Total 463.

Opened well at 4:35 P.M. Flowed 330 bbls. frac water in seven hours. Well died. Left to tank overnight.

June 24, 1979

Found fluid level at 500'. Swabbed from 7:30 A.M. to 3:00 P.M. Lowered fluid level to 2200'. Recovered 120 bbls. Total 450 of 463. Left overnight to tank.

June 25, 1979

Well flowed 18 bbls. overnight.

June 26, 1979

Well flowed one bbl. overnight. Swabbed 20 bbls. water in 2 hours. Pulled 1 1/2" tubing. Ran 2 3/8" tubing to 3860'. Swabbed an additional 45 bbls. to 6:00 P.M. Closed in overnight.

June 27, 1979

Well had approximately 20# pressure. Fluid level at 1000'. Swabbed 2 runs. Recovered 10 bbls. water. Chemical analysis indicated fluid to be water flood injection water. Pulled tubing. Ran EZ drill squeeze tool to 3800'. Squeeze perforations 3830' to 3861' with 100 sacks of Class "C" neat and 50 sacks of Class "C" with 0.3 of 1% Hallad per sack. Maximum pressure 2500#. Rigged up Perfo-Jet and perforated 3679', 3705', 3717', 3727', 3732', 3753', and 3761'. Total seven holes.

June 28, 1979

Run tubing with RTTS. Spot one bbl. acid over perforations. Pick up tubing. Set packer at 3650'. Acidized with 3000 gallons MCA. Started pumping into formation at 1400#. Increased rate to 2.5 BPM. Dropped one ball sealer every 300 gallons. Balled out to 3800#. Released pressure and dropped balls off perforations. Finished job at 4 BPM.

ISIP	1000#
5 min SIP	800#
10 min SIP	750#
15 min SIP	700#

Total load 87 bbls. of fluid.

Swabbed 15 bbls. fluid. Well swabbed dry. Closed in overnight.

June 29, 1979

Well had approximately 20# tubing pressure. Fluid level 1000' from bottom. Swabbed 4 bbls. fluid. Swabbed dry. Waited total 2 hours. Unable to recover additional fluid. Release packer. Run 2 stands to swing tubing near bottom. Recovered 49 bbls packer fluid. Swabbed dry. Closed in overnight.

June 30, 1979

Well had a slight vacuum fluid level 300' from bottom. Swabbed 2 bbls. No shows of oil or gas. Pulled tubing to recover RTTS. Laid down rental tubing. Ran tubing and rods in well. Released all rental equipment and rig. Wait on orders.

July 1, 1979

Decision made to temporarily abandon test. Sun Oil Company has been approached to farmout 120 acres adjoining our 40 acre tract with the intent of forming a 160 acre Yates gas unit. State and Federal Energy Offices will be contacted to determine what must be done to qualify for maximum gas price.

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-121
Revised 1-1-65

NO. OF COPIES RECEIVED	
DISTRIBUTION	
ANTA FE	
ILE	
S.G.S.	
IND OFFICE	
PERATOR	

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work		7. Unit Agreement Name	
Type of Well	DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>	8. Name of Lessee Name	
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"/>	Sun Record	
Name of Operator		9. Well No.	
H. H. Juni		1	
Address of Operator		10. Field and Loc., or Well Loc.	
1500 Douglas, Midland, Texas 79701		South Eunice	
Location of Well		11. County	
UNIT LETTER A LOCATED 660 FEET FROM THE North LINE		Lea	
660 FEET FROM THE East LINE OF SEC. 22 TWP. 22S RGE. 36E			
12. Proposed Depth		13A. Formation	
4000		Queen	
13B. Drilling Contractor		14. Date Work will start	
X-Part Well Service		June 11, 1979	
Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
3530 GL		Blanket	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 3/4	13 3/8	484	30'	20	Circ
12 1/2	9 5/8	324	1595	1000	Circ
7 7/8	5 1/2	144	3201	800	1100'
Above casing now in hole.					
4 3/4	4"	104	3950	500	3000'

Present TD 3490'

Deepen to approximately 3950'. Run 4" Liner from 3000' to 3950'.
Perforate pay and run tubing. Rig up pump and put on production.
BOP will be adequate for area & depth.

OVER SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. 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.

by E. H. Juni Title Operator Date May 23, 1979

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE MAY 24 1979

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

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

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

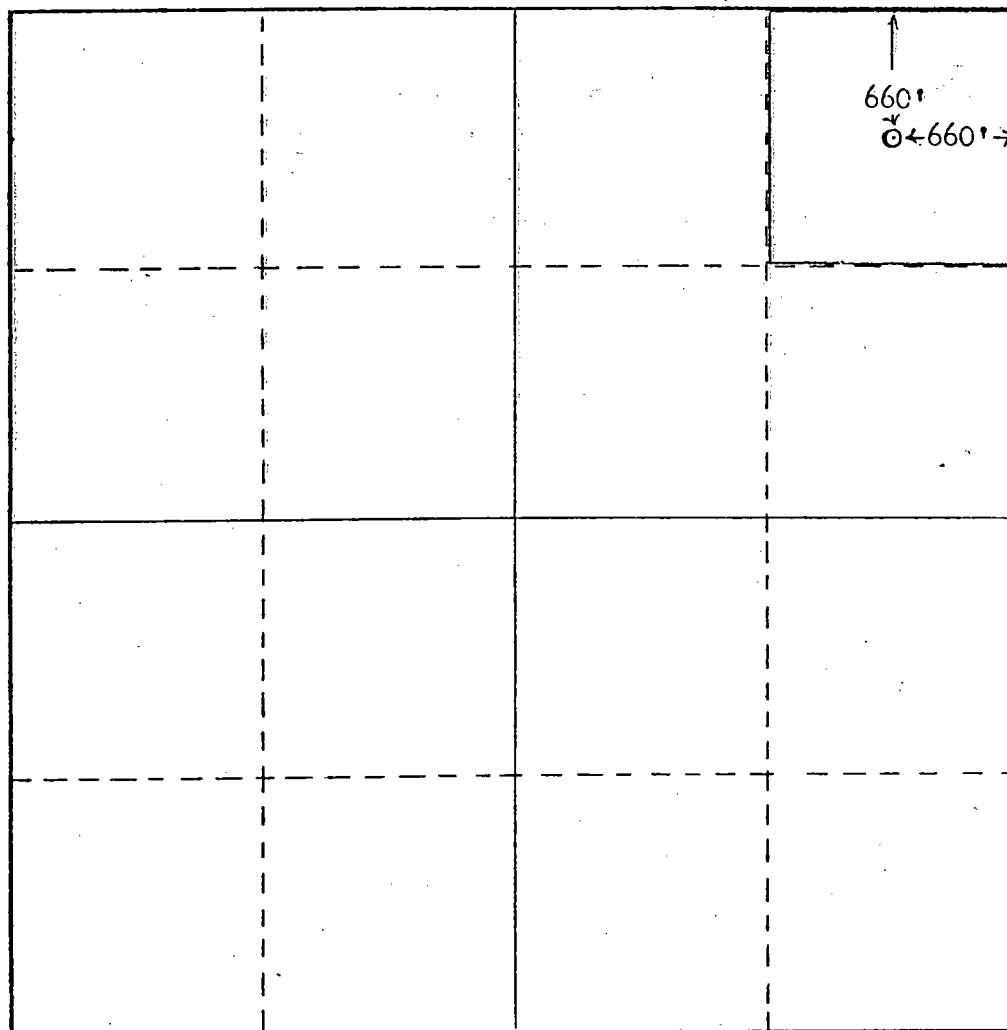
Operator C. H. Juni			Lease Sun Record		Well No. 1
Unit Letter A	Section 22	Township 22 South	Range 36 East	County Lea	
Actual Footage Location of Well:					
660 feet from the North line and		660 feet from the East line			
Ground Level Elev. 3530	Producing Formation Queen	Pool South Eunice		Dedicated Acreage: 40	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

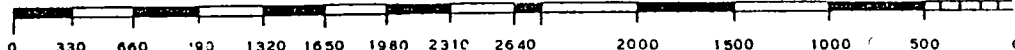
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: *C. H. Juni*
 Position:
Operator
 Company:
C. H. Juni
 Date:
May 23, 1979

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:
 Registered Professional Engineer and/or Land Surveyor

Certificate No.



OIL CONSERVATION DIVISION

P. O. BOX 7088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-70

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DISTRICT OFFICE	
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FILE	
RECORDS	
LAND OFFICE	
TRANSPORTER	OIL
	NATURAL GAS
OPERATOR	
REGISTRATION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

C. H. Juni

Address

1500 Douglas, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well ☐Recompletion ☐Change in Ownership ☒

Change in Transporter of:

Oil ☐Casinghead Gas ☐Dry Gas ☐Condensate ☐

Other (Please explain)

Change lease name from H. S. Record Unit
to Sun RecordIf change of ownership give name
and address of previous owner

Sun Oil Company, P. O. Box 2192, Midland, Texas 79701

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease to
Sun Record	1	South Eunice Queen	State, Federal or Free Fee	

Location

Unit Letter **A** ; **660** Feet From The **North** Line and **660** Feet From The **East**Line of Section **22** Township **22S** Range **36E** NMDM **Lea** County

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)

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same as Existing <input type="checkbox"/>
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.				
Elevations (DF, RKB, FT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Day	Tubing Depth				
Perforations				Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

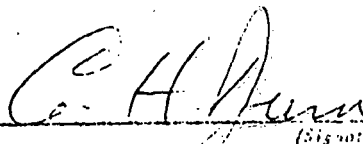
(Test must be after recovery of total volume of fluid oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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/MCF	Gravity of Condensate
Testing Method (pitot, back pt.)	Tubing Pressure (psig-in)	Casing Pressure (psig-in)	Choke

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)

Operator

May 23, 1979

(Date)

OIL CONSERVATION DIVISION

APPROVED  19BY 
TITLE SUPERVISOR DISTRICT

This form is to be filed in compliance with RULE 11.1.

If this is a request for allowable for a newly drilled or deeper
well, this form must be accompanied by a tabulation of the deviat
ions taken on the well in accordance with RULE 11.1.All portions of this form must be filled out completely for all
wells on lease and recompleting wells.Fill out only Sections I, II, III, and VI for changes of own
ership and Sections I, II, III, and VI for other such changes of condi
tion.Sections I, II, III, and VI must be filed for each pool in multi
completion wells.

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AND OFFICE		
PERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Sun Oil Company		
Address of Operator P. O. Box 1861, Midland, Texas 79701		
Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>22</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> NMPM.		

7. Unit Agreement Name
8. Farm or Lease Name H. S. Record Com.
9. Well No. 1
10. Field and Pool, or Wildcat Jalmat Yates
12. County Lea

15. Elevation (Show whether DF, RT, GR, etc.)
GR. 3530

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
INFORM 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"/>
WELL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Shut-in or TA Well Status Report

7. 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:

REQUEST FOR ONE YEAR EXTENSION OR INITIAL REQUEST FOR TEMPORARY ABANDONMENT PERMIT.

NOTE: All wells submitted here-on are in compliance with Commission regulations concerning a proper condition of the well as to the prevention of damage to the producing zone, migration of hydrocarbons or water, the contamination of fresh water or other natural resources, or the leakage of any substance at the surface.

WELL STATUS:	TA
TEMPORARY ABANDONMENT DATE:	NA
REASON FOR TEMPORARY ABANDONMENT:	Low flow rate due to sand fillup & depletion
FUTURE PLANS FOR WELL:	Clean out well & return to production
APPROXIMATE DATE FOR WORKOVER OR P&A OPERATIONS:	April, 1977

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

SIGNED Charles Gray TITLE Proration Analyst DATE 6-10-76

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Expires 11-1-76

(2)

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

NAME		
ADDRESS		
CITY		
STATE		
ZIP		
DATE		
BY		
AND OFFICE		
LOCATION		

SUNDRY NOTICES AND REPORTS ON WELLS

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

ON WELL ☐ CAS. WELL ☒ OTHER ☐

NAME OF OPERATOR

SUN OIL COMPANY

ADDRESS OF OPERATOR

P. O. BOX 1861, MIDLAND, TEXAS 79701

LOCATION OF WELL

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM East LINE, SECTION 22 TOWNSHIP 22-S RANGE 36-E N.M.P.M.

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

3530' GR

5a. Indicate Type of Lease

State ☐ ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Name of Lessee/Owner

H. S. Record Unit Com.

9. Well No.

1

10. Field and Pool, or Well Unit

Jalmat Yates

12. County

Lea

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

FORM REMEDIAL WORK ☐

PERMANENT ABANDON ☐

ON ALTERN. CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

REMEDIAL WORK ☐

COMMENCE DRILLING OPS. ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

Status of
OTHER Shut-in, TA, and Unreported Wells ☒

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

1. WELL STATUS: Temporarily Abandoned

TEMPORARY ABANDONMENT DATE ETC: NA

REASON FOR TEMPORARY ABANDONMENT: Sanded-Up Well

FUTURE PLANS FOR WELL: Will be worked over & put back on production

APPROXIMATE DATE FOR WORKOVER OR P&A OPERATIONS: June 1975

NOTES: Expires 11/1/75

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

Signature: [Signature]
Original Signed By: Joe [Signature]

TITLE Production Analyst

DATE Oct. 30, 1974

COPIES OF APPROVAL, IF ANY: Disapproved

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PERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
H. S. Record Unit <i>Com</i>	
8. Farm or Lease Name	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Jalmat Yates Gas	
12. County	
Lea	

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.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator		
Sun Oil Company		
Address of Operator		
Box 1861, Midland, Texas 79701		
Location of Well		
UNIT LETTER <i>A</i>	660	FEET FROM THE <i>East</i> LINE AND <i>South</i> 660 FEET FROM
THE <i>East</i> LINE, SECTION 22	TOWNSHIP 22S	RANGE 36E NMPM.

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

GR. 3530

12. County

Lea

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

NOTICE OF INTENTION TO:

REFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
LL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

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.

The above well is currently TA. At this time plans are under way to return the well to production by method of cleaning sand from well bore & acid stimulation.

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

SIGNED Charles D. Gray TITLE Proration Clerk DATE 11-26-73

PROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

El Paso Natural Gas Company

El Paso, Texas 79978

November 13, 1973

ADDRESS REPLY TO:
POST OFFICE BOX 1364
JAL. NEW MEXICO 88252

Oil Conservation Commission
State of New Mexico
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

This is to advise that on November 12, 1973 the Sun Oil Company's H.S. Record Unit #1, Jalmat gas well located in Unit A, of Section 22, Township 22, Range 36 Lea County, New Mexico was disconnected from El Paso Natural Gas Company's gathering system.

This disconnection was due to well being temporarily abandoned.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

Travis R. Elliott
Travis R. Elliott
Gas Production Status Analyst

TRE:bl

cc: Mr. Elvis Utz, O.C.C., Santa Fe, New Mexico
Proration Department
H. O. Whitt
Gas Purchases
Sam Smith
H. P. Logan
T. J. Crutchfield
Measurement Department
Operator
R. H. Barnett
Earl Smith
Chub Fuller
R. T. Speer
R. L. Tabb
B. D. Ballard
File

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

P. O. Box 2045
Hobbs

March 2, 1961

Sun Oil Co.
Box 2792
Odessa, Texas

Re: Record Unit #1-A
22-22-36
Jalmat Gas Pool

Gentlemen:

This office has been notified by the purchaser that subject well in the Jalmat Gas Pool was switched from Jal
High Pressure Gathering System to the Jal
Intermediate Gathering System on 2/24/61
Date

In accordance with Order No. R-1670 (insofar as it relates to the Jalmat Gas Pool,) Memorandum No. 6-58, and Memorandum No. 3-60, the Commission requests that a new Deliverability Test be conducted and results filed with the Hobbs office within forty-five (45) days of the above date of reconnection.

Failure to comply with this request shall result in cancellation of allowable.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey
Joe D. Ramey
Production Manager

SE # 756

JDR:mg
Copies to
Mr. E. A. Utz, Gas Engineer - Santa Fe
Mr. E. F. Engbrecht, Engineer - Hobbs
Purchaser -

Memorandum

To: H. H. Shelton
From: Kenneth N. Gordon

Date: February 27, 1961
Place: Permian Division Office
Dispatching Department

SUN OIL COMPANY

Record Unit #1 (A-22-22-36)
(60-189)

At 12:00 Noon on February 24, 1961, the Sun Record Unit #1 was switched from the Jal High Pressure Gathering System to the Jal Intermediate Gathering System due to its inability to produce its minimum contract requirements.

Kenneth N. Gordon
Kenneth N. Gordon
Dispatching Department

KNG:imp

cc: E. A. Searce
W. C. Cheek
P. N. Woodruff
R. E. Pithian
W. W. Maxwell
V. M. Plummer
M. C. Robertson
J. T. Recer
T. Gaskin
R. T. Wright
N.M.O.C.C., Hobbs, New Mexico
N.M.O.C.C., Santa Fe, New Mexico
File

F. J. B.

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Jalmat Formation Yates County 22 Lea

Initial Annual Special X Date of Test 11/2/56

Company Sun Oil Company Lease Record Unit Well No. 1

Lat A Sec. 22 Twp. 22 S Rge. 36 E Purchaser EPNG

Casing 5 1/2 Wt. 14 I.D. 5.012 Set at 3201 Perf. To

Tubing 2 3/8 Wt. 4.7 I.D. 1.995 Set at 3476 Perf. To

Gas Pay: From 3335 To 3490 L 3476 xG .675 -GL 2346 Bar.Press. 13.2

Producing Thru: Casing Tubing X Type Well Single

Date of Completion: 6-2-48 Packer None Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp.

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)										Type Taps	Flange
Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.		
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.		
1						831		836		72	
2	4"	1.250	761	14.44	66	763		774		24	
3	4"	1.250	727	27.86	69	729		750		24	
4	4"	1.250	681	49.00	70	685		723		24	
5	4"	1.250	650	67.24	66	654		704		24	

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15,025 psia
1	9.643	105.72		.943	.9427	1.087	1038
2	9.643	142.82		.9915	.9427	1.062	1393
3	9.643	184.41		.9905	.9427	1.075	1785
4	9.643	211.14		.9943	.9427	1.073	2047

PRESSURE CALCULATIONS

Liquid Hydrocarbon Ratio cf/bbl.

Specific Gravity Separator Gas

Specific Gravity Flowing Fluid

Specific Gravity of Liquid Hydrocarbons deg.

9.936 (1-e^{-s}) 0.149 P_c 849.2 P_c 721.1

P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w /P _c	P _w /P _c
787.2	609.9	10.31	106.30	15.84	615.7	101.4	787.2	0.827
763.2	550.9	13.84	191.55	28.54	582.5	134.6	763.2	0.899
736.2	487.5	17.74	314.71	46.86	541.9	170.2	736.2	0.867
717.2	445.2	20.34	413.72	61.64	514.4	206.7	717.2	0.845

Pressure Potential: 6,800 MCF/D MCFPD; n 0.956

Company Sun Oil Company

DRESS Box 2792 Odessa

AGENT and TITLE Ronald R. Lawrence Engineer

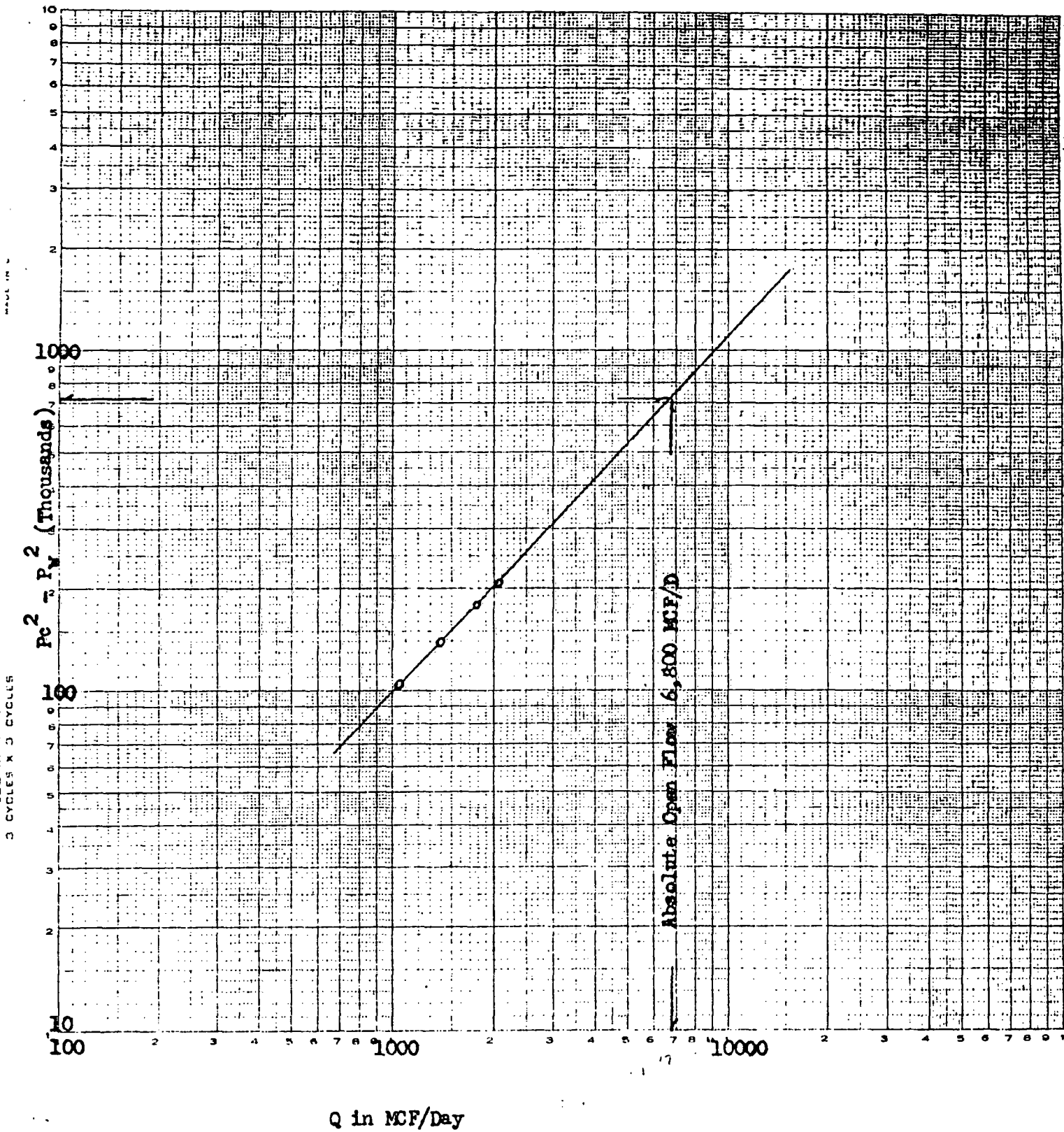
TESTED

COMPANY

REMARKS

ELVIS A. UTZ
GAS ENGINEER

SUN OIL COMPANY
Record Unit Well No.1



DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE December 3, 1953

TO: Sun Oil Company

Box 2792, Odessa, Texas

GENTLEMEN:

Form C-104 for your H.S. Recrod Unit 1 22-22-36 Langmat
LEASE WELL S.T.R. POOL

has been approved, however, since this well is:

- () An unorthodox location,
- () Located on an unorthodox proration unit,
- () Outside the boundaries of a designated pool,

it will be necessary for you to;

- () Comply with the provisions of Rule 4 of Commission Order _____
- () Comply with the provisions of Rule 7 of Commission Order _____
- () File Form C-123.

Pending further Commission action this unit will be assigned an _____ acre
allowable.

Normal 160 Acre Unit

Stanley J. Stanley
A. L. Porter, Jr.
Proration Manager

ALP/pb

cc/ Transporter El Paso Natural Gas Co.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
(Form C-104)
(Revised 12/52)

DEC 1 1953

OIL CONSERVATION COMMISSION
HOBBS OFFICE

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sun Oil Company Lease H. S. Record Unit

Address P. O. Box 2792, Odessa, Texas P. O. Box 2880, Dallas, Texas
(Local or Field Office) (Principal Place of Business)

Unit See attached Flat, Well(s) No. 1, Sec. 22, T. 22S, R. 36E, Pool Langmat Gas

County Lea Kind of Lease: Patented

If Oil well Location of Tanks

Authorized Transporter El Paso Natural Gas Company Address of Transporter

10th Floor Bassett Tower, El Paso, Texas 1901 National Standard Bldg., Houston, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☒

REMARKS: In accordance with Rules and Regulations of the Oil Conservation Commission.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 16th day of November 19 53

Approved DEC 3 1953, 19

OIL CONSERVATION COMMISSION

By J. J. Stanley

Title Engineer District 1

By R. H. H. H.

Title Manager Natural Gas Department

**NEW MEXICO
OIL CONSERVATION COMMISSION**

Gas Well Plat

Date November 16, 1953

Sun Oil Company

H. S. Record

1

Operator

Lease

Well No.

Name of Producing Formation Yates Pool Langmat Gas

No. Acres Dedicated to the Well 160

SECTION 22 TOWNSHIP 22S RANGE 36E

<p>Sun Oil Co.</p> <p>●¹</p>		<p>Sun Oil Co.</p>	<p>☆¹</p>
<p>●^{1-A}</p>		<p>160 Ac.</p>	
			<p>☆¹</p>
	<p>●²</p>		

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

Name B. E. Warren
 Position Manager Natural Gas Dept.
 Representing Sun Oil Company
 Address Dallas, Texas

(over)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR ~~RECEIPT~~ - (GAS) ALLOWABLE

RECEIVED
New Well
Recompletion
DEC 1 1953

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Dallas, Texas
(Place)

November 16, 1953
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

SUN OIL COMPANY - H. S. Record Unit, Well No. 1, in NE $\frac{1}{4}$ NE $\frac{1}{4}$,
(Company or Operator) (Lease)
(See Plat) //, Sec. 22, T. 22S, R. 36E, NMPM, Langmat Gas Pool
(Unit)

Lea County. Date Spudded 8/3/48, Date Completed 8/22/48

Please indicate location:

Elevation... 3530 (Ground) Total Depth... 3490' P.B. ---

Top oil/gas pay... 3335' Top of Prod. Form... 3335'

Casing Perforations: Open Hole 3201/3490 or

Depth to Casing shoe of Prod. String... 3201

Natural Prod. Test... BOPD

based on... bbls. Oil in... Hrs... Mins.

Test after acid or shot... BOPD

Based on... bbls. Oil in... Hrs... Mins.

Gas Well Potential... 9600 MCF

Size choke in inches... ---

Date first oil run to tanks or gas to Transmission system: 10/26/48

Transporter taking Oil or Gas: El Paso Natural Gas Company

Casing and Cementing Record
Size Feet Sax

13-3/8	60'6"	50
9-5/8	159 1/2'1"	1000
5-1/2	319 1/2'4"	800

Remarks: ---

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

Approved... November 16, 19 53

SUN OIL COMPANY

(Company or Operator)

By: B. E. WARREN

(Signature)

Title: Manager, Natural Gas Department

Send Communications regarding well to:

Name: ---

Address: ---

OIL CONSERVATION COMMISSION

By: S. J. Stanley

Title: Engineer District 1 DEC 3 1953

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

MAY 14 1951

OIL CONSERVATION COMMISSION

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

5-4-51

Date

Box 2880, Dallas, Texas

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sum Oil Company H.S. Record Unit # 1 Well No. 1 in the
Company or Operator Lease
NE Cor. E 1/2 of Sec. 22, T. 22N, R. 36E, N. M. P. M.,
South Dunce Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hr. shut in pressure was 1107 PSIG on 4-3-51. Calculated abs. open flow was

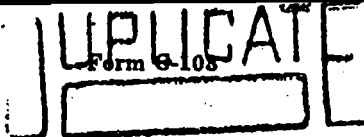
7008 MCF on 4-3-51. Note: These tests were made by El Paso Natural Gas Co. Engineers.

Witnessed by	Name	Company	Title
Subscribed and sworn before me this _____	I hereby swear or affirm that the information given above is true and correct.		
<u>4th</u> day of <u>May</u> 19 <u>51</u>	Name <u>[Signature]</u>		
<u>Annie Mae Hill</u>	Position <u>Field Engineer</u>		
<u>Ector Co., Texas</u> Notary Public	Representing <u>Sum Oil Company</u>		
ANNIE MAE HILL	Company or Operator		
My commission expires <u>June 1, 1951</u>	Address <u>Box 2792, Odessa, Texas</u>		

Remarks:

cc: NMCCC, RLI, Gas Dept., **APPROVED**Date MAY 14 1951Name [Signature]
Oil & Gas Inspector

Title



OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

MAY - 7 1951

OIL CONSERVATION COMMISSION

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

5-4-51

Box 2880, Dallas, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sun Oil Company

H.S. Record Unit

Well No. 1

in the

Company or Operator

Lease

NE Cor. E 4

of Sec. 22

T. 22S

R. 36E

N. M. P. M.,

South Eunice

Field,

Lea

County.

The dates of this work were as follows: _____

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19 _____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hr. shut in pressure was 1107 PSIG on 4-3-51. Calculated abs. open flow was

7008 MCF on 4-3-51. Note: These tests were made by El Paso Natural Gas Co. Engineers.

Witnessed by _____
Name Company Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

4th day of May 19 51

Name _____

Position Field Engineer

Ector Co., Texas Notary Public

Representing Sun Oil Company
Company or Operator

My commission expires June 1, 1951

Address Box 2792, Odessa, Texas

Remarks:

cc: MIOCC, RLI, Gas Dept., JEH

APPROVED
MAY - 7 1951

Date _____

HCC [Signature]
Oil & Gas Inspector
Title

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED

SEP 21 1950

OIL CONSERVATION COMMISSION
HOBBBS-OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

9-12-50

Box 2880, Dallas, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Sun Oil Company

H. S. Record Unit

Well No. 1

In the

Company or Operator

Lease

NE Cor. E 1/2

of Sec. 22

T. 22 S.

R. 36 E.

N. M. P. M.

South Emice

Field

Lea

County.

The dates of this work were as follows:

Notice of intention to do the work was (was not) submitted on Form C-102 on

19

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hr. shut in was 1153 # abs. on 8-28-50Calculated abs. open flow was 7400 MCF on 8-28-50

Note: These tests were made by El Paso Ntl. Gas Co. Engineers

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this

I hereby swear or affirm that the information given above is true and correct.

12th day of September 19 50

Name _____

Laura Dee LATRA
Notary Public

Position District EngineerRepresenting Sun Oil Company
Company or OperatorMy commission expires 6-1-51Address Box 1861, Midland, Texas

Remarks:

Ray Yarbrough
Name _____
Oil & Gas Inspector
Title _____

SEP 22 1950

DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED
MAY - 2 1950
HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

4-27-50

Date

Box 2880, Dallas 1, Texas

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Sun Oil Company

H. S. Record Unit #1

Well No. 1

In the

Company or Operator

Lease

NE/Cor., N/2

of Sec. 22

T.

22 S

R.

36 E

N. M. P. M.

South Eunice

Field

Lea

County.

The dates of this work were as follows:

Notice of intention to do the work was (was not) submitted on Form C-102 on

19

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hour shut-in T.P. was 1139# gauge on 4-10-50.

Calculated absolute open flow was 11,750 M.C.F. on 3-29-50.

NOTE:

These tests were made by El Paso Natural Gas Company engineers.

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

27th day of April 1950

Name

C.R. W. W.

Position

District Engineer

Representing

Sun Oil Company
Company or Operator

My commission expires

6-1-51

Address

Box 1861, Midland, Texas

Remarks:

APPROVED

Date

Roy Underhough
Name
Title

FORM C-105

HOBBS OFFICE

N

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

.....
Company or Operator

Address

Lease

[illegible]

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET (Seat)	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13-3/8"	59.45	50	Halliburton	Wt. 9.1-Visc 30	-
12 1/2"	9-5/8"	1605.95	1000	"	Wt. 9.9-Visc 32	-
7-7/8"	5 1/2"	3200.51	800	"	Wt. 11 - Visc 38	-

PLUGS AND ADAPTERS

Heaving plug—Material..... Length..... Depth Set.....
 Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		N O N E				

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from Surface feet to 3490 feet, and from - feet to - feet
 Cable tools were used from - feet to - feet, and from - feet to - feet

PRODUCTION

Put to producing 8/22/48, 19.....
 The production of the first 24 hours was - barrels of fluid of which - % was oil; - % emulsion; - % water; and - % sediment. Gravity, Be.....
 If gas well, cu. ft. per 24 hours. 2" chk - 3,060,000 MCF
 1" chk - 1,475,000 MCF
 Rock pressure, lbs. per sq. in. BHP 1275#.

EMPLOYEES

J. J. Stewart, Driller W. L. Garrett, Driller
 Doyle R. Roberts, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 3/5
 day of August, 1948
 Annie Mae Thie
 Notary Public
 My Commission expires June 1, 1949

Odessa, Tex 8/31/48
 Name O. D. Albright
 Position Supt.
 Representing Lux Oil Company
 Company or Operator
 Address Box 2792, Odessa, Tex

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	41	41	Cal & sd
41	70	29	Cal & sd
70	127	57	Red bed
127	530	403	Red bed & sh
530	890	360	Shells, sh & red bed
890	1124	234	Red bed & sh
1124	1159	35	Red bed & sh
1159	1285	126	Red bed
1285	1408	123	Red bed & anhy
1408	1579	171	Red bed, gyp & anhy
1579	1610	31	Anhy
1610	1929	319	Anhy
1929	2060	131	Anhy
2060	2417	357	Anhy & salt
2417	2569	152	Anhy & salt
2569	2765	196	Anhy & salt
2765	2885	120	Anhy
2885	2973	88	Salt
2973	3049	76	Anhy & salt
3049	3129	80	Anhy
3129	3187	58	Anhy & lime
3187	3490	303	Lime - TD

PLICATE

DRILL STEM TESTS:

DST #1 - 3205/3265, 5/8"xl" ohks, 45 mins., gas to surface in 6 mins., slight blow of air, REC: 30' mud, BHPO 0#, BHPO 0#, MW 1800#.

DST #2 - 3265/3490, 5/8"xl" ohks, 45 mins., gas to surface in 4 mins., mud to surface in 7 mins., tool closed 15 mins. for build up, REC: 100' gas cut drlg fluid, BHPO 975/850#, BHPC 1275#, MW 2000#.

STRAIGHT-HOLE TESTS:

<u>NO. DEGREES OFF VERTICAL:</u>		<u>DEPTH:</u>
1	-	300'
1/2	-	700'
1/2	-	1000'
3/4	-	1250'
1/4	-	1570'
0	-	1700'
3/4	-	1950'
3/4	-	2010'
1	-	2200'
3/4	-	2350'
2 1/4	-	2550'
2 1/4	-	2710'
2 1/4	-	2775'
2	-	2885'
2	-	2950'
2	-	3075'
2	-	3160'
1-3/4	-	3260'
1-3/4	-	3375'
1-3/4	-	3475'

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

 RECEIVED
 AUG 23 1948
 HOBBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X		

8/20/48

Date

Odessa, Texas

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sm Oil Co.

Company or Operator

H.S. Record Unit

Lease

Well No. 1

in the

NE 1/4 of NE 1/4

of Sec. 22

T. 22S

R. 36M

N. M. P. M.,

S. Eunice

Field,

Lea

County.

The dates of this work were as follows: 8/19/48

Notice of intention to do the work was (was not) submitted on Form C-102 on 8/17 19 48

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Tested 3200' of 5 1/2" OD 1 1/4 H-40 casing 1000# thirty minutes O.K.

Witnessed by E.L. Kowmalar

Name

Sm Oil Co.

Company

Foreman

Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

20th day of August, 1948

Name

N.J. Keith

Position

Foreman

MARIE LIVINGSTON

Notary Public

Representing

Sm Oil Co.

Company or Operator

My commission expires June, 1949

Address Box 2792, Odessa, Tex.

Remarks:

APPROVED

Date AUG 23 1948

OIL & GAS INSPECTOR

Name

Title

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

 AUG 27 1948
 RECEIVED
 HOOVER OFFICE

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Odessa, Tex.

8/17/48

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
Sun Oil Co. H. S. Record Unit Well No. 1 in ne/4 of ne/4
 Company or Operator Lease
 of Sec. 22, T. 22S, R. 36E, N. M. P. M., S. Eunice Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION
 Cemented 3200' of 5 1/2" OD 14# H-40 casing in lime formation w/800 sacks of
 common cement-job completed 12:40 PM 8/16/48-will test for shutoff
 12:40 PM 8/18/48-centralizers @ 3121-3181.

AUG 20 1948

SUN OIL COMPANY

Written Foreman
 Send communications regarding well to

Name Sun Oil Co.Address Box 2792, Odessa, Tex.

OIL CONSERVATION COMMISSION

By [Signature]
Title [Signature]

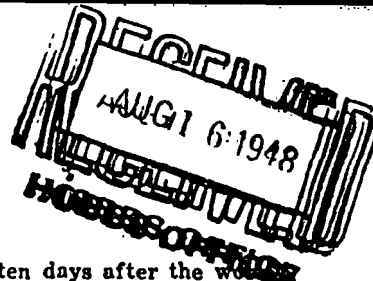
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

8-9-48

H.S. Record Unit #1

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sun Oil H. S. Record Unit Well No. 1 in the _____
Company or Operator Lease

NE 1/4 of NE 1/4 of Sec. 22, T. 22S, R. 36E, N. M. P. M.,

South Eunice Field, Lea County.

The dates of this work were as follows: 8/9/48

Notice of intention to do the work was (~~received~~) submitted on Form C-102 on 8-7-48 19____

and approval of the proposed plan was (~~received~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Tested 9 5/8" OD 32.30 8R Thd Surface casing, seat 1606', 1000# thirty minutes, tested o.k. Cemented with 1000 Sacks instead of 100 sacks as reported on Form C-102. Cement circulated.

Witnessed by E. L. Kowalski Sun Oil Company Foreman
Name Company Title

Subscribed and sworn before me this 9th

I hereby swear or affirm that the information given above is true and correct.

day of August, 1948

Name N. J. Keith

Position Foreman

Representing Sun Oil

Company or Operator

Address Box 2792, Odessa, Texas

Remarks:

APPROVED

Date AUG 16 1948

Roy Yackroff
Name
OIL & GAS INSPECTOR
Title

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

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NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

H. S. Record Unit #1

8/7/48

OIL CONSERVATION COMMISSION,

Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Sun Oil Company

H. S. Record Unit

Well No. 1

in NE/4 of NE/4

Company or Operator

Lense

of Sec.

22

T. 22S

R.

36E

N. M. P. M.

South Eunice

Field,

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran & cemented 1594' of 9 5/8" H-40 32.30# 8R Thd Casing w/100 sacks common cement, job completed 11:45 p.m. 8/6/48. Will start nippleing up 11:45 a.m. 8/8/48 and test to minimum of 1000# 11:45 p.m. 8/8/48

AUG 10 1948

Approved _____

19 _____

except as follows:

Sun Oil Company

Company or Operator

By

N. J. Keith

Position

Foreman

Send communications regarding well to

Name

Sun Oil Company

Address

Box 3888 2792

Odessa, Texas

OIL CONSERVATION COMMISSION,

By

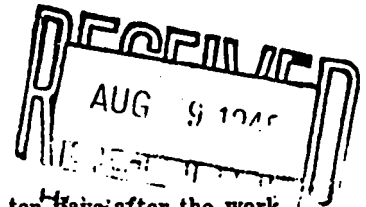
Title

OIL & GAS INSPECTOR

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



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Indicate nature of report by checking below.

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REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

August 4, 1948

Odessa, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____
Sun Oil Company H.S. Record Unit Well No. 1 in the _____
 Company or Operator Lease
NE/4 of NE/4 of Sec. 22, T. 22 S, R. 36E, N. M. P. M.,
South Eunice Field, Lea County.

The dates of this work were as follows: August 3, 1948

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____
 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Above well spudded 8/3/48; ground elevation 3530' - est. DF elevation 3539' - est.
 RDB elevation 3540' - set 59' of 13 3/8" OD conductor pipe 8/3/48

Witnessed by E. L. Kowalor Sun Oil foreman
 Name Company Title
 Subscribed and sworn before me this _____
4th day of August, 19 48
Annie Mae Hite
Ector County, Texas Notary Public
 My commission expires June 1, 1949
 I hereby swear or affirm that the information given above is true and correct.
 Name N.J. Keith
 Position Foreman
 Representing Sun Oil Company
 Company or Operator
 Address Box 2792, Odessa, Texas

Remarks:

APPROVED

Date Aug 9 1948

Roy Gankrogh
 Name
 OIL & GAS INSPECTOR
 Title

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

RECEIVED
JUL 28 1948
HOBBS OFFICE

Dallas, Texas

July 23, 1948

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as
Sun Oil Company **H. S. Record Unit** Well No. **1** in **NE/4**

Company or Operator **Lease**
of Sec. **22** T. **22S** R. **36E** N. M. P. M. **South Eunice** Field, **Lea** County.

The well is **660** feet ~~XXX~~ [S.] of the **North** line and **660** feet
XXI [W.] of the **East** line of **NE/4 of Sec. 22**

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is **H. S. Record**Address **Monument, New Mexico.**

If government land the permittee is _____

Address _____

The lessee is _____

Address _____

AREA 640 ACRES
LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows: _____

Rotary from top to bottom

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission
is as follows: **\$10,000. Blanket Bond filed with State Land Office**

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
17-1/4	13-3/8	65#	New	30	Cemented	20
12-1/4	9-5/8"	36#	New	1600	Cemented	900
8-3/4	5-1/2"	14#	New	3200	Cemented	800

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate
that the first productive oil or gas sand should occur at a depth of about **3700** feet.

Additional information:

Approved JUL 31 1948 19____
except as follows:

Sincerely yours,

SUN OIL COMPANY

By [Signature]
Company or Operator

Position **Superintendent**

Send communication regarding well to

Name **Mr. J. A. Ritter**Address **c/o Sun Oil Company, Dallas, Texas.**

OIL CONSERVATION COMMISSION,

By [Signature]
Title **Engineer**

JOE C. NEAL & ASSOCIATES

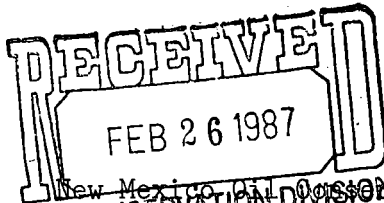
PETROLEUM CONSULTANTS

ONE MARIENFELD PLACE SUITE 370

MIDLAND, TEXAS 79701

915: 683-4371

February 23, 1987



New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Mike Stogner

Re: Administrative Application For Infill Well Findings
For Doyle Hartman - H. S. Record-9
Section 22, T-22-S, R-36-E, 660' FNL and 1,820' FEL
Jalmat (Gas) Pool, Lea County, New Mexico

Gentlemen:

Application is hereby made for an administrative infill well finding along with initial gas deliveries for the subject well in accordance with Exhibit "A", Oil Conservation Division, New Mexico Department of Energy and Minerals, Order R-6013-A. The following complies with the requirements of the above order:

Rule 5: Attached are copies of the Forms C-101 and C-102.

Rule 6: The name of the pool in which the infill well has been drilled is the Jalmat Pool. The standard spacing for the pool is 640 acres.

Rule 7: The non-standard proration unit and unorthodox well location was approved by administrative order NSP-1485-(SD), a copy of which is attached hereto. The order was executed March 4, 1986, by Mr. R. L. Stamets, Director of Oil Conservation Division.

Rule 8: See attached Table 1 - Summary of Required Information, Rule 8, Exhibit "A", Order R-6013-A for requirements of Section "A" through "F". Section "G" requires "a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit".

The Jalmat (Gas) Pool well to which the present 160-acre non-standard proration unit was assigned, is the Doyle Hartman H. S. Record-1 Well. This well produced a mean daily average of 27.4 MCF of gas for the months

of January and February 1986, with a cumulative gas production of 3,896,000 MCF of gas as of January 1, 1987. As can be seen from the attached summarized completion data, and the well log for the Doyle Hartman (formerly Sun Exploration & Production Company's H. S. Record Unit-1) H. S. Record-1, the completion covers a gross interval of 145 feet from 3,387 to 3,532 feet. This correlates with the intervals in the Doyle Hartman H. S. Record-9 Well from 3,328 to 3,503 feet, but contains additional pay that was not treated in the H. S. Record-1 Well. The H. S. Record-9 Well perforations cover a gross interval of 175 feet, with an estimated net effective pay interval of 61 feet. The volumes of stimulation were significantly different for these wells and are as follows:

	<u>Doyle Hartman H.S. Record-9</u>	<u>Doyle Hartman H.S. Record-1</u>
Gross Completion Interval, Feet	175	145
Estimated Net Effective Pay Thickness, Feet	61	51
Volume of Stimulation:		
Acid, Gallons	6,450	1,000
Fracture Treatment, Gallons	Not Fractured	60,000
Pounds of Propant	Not Fractured	---
Volume of Stimulation Per Foot of Estimated Net Effective Pay:		
Gallons/Foot	---	1,176
Pounds/Foot	---	---
Production:		
January 1986, MCF	10,882	1,365
February 1986, MCF	13,945	252
Cumulative At		
January 1987, MCF	28,793	3,896,000

The infill Doyle Hartman H. S. Record-9 Well has 1.2 times greater gross perforated interval as compared to the Doyle Hartman H. S. Record-1 Well. The H. S. Record-1 Well was originally completed natural (no treatment) in open hole. In 1980, the well was deepened from 3,490 to 3,914 feet and a 4-inch liner was installed. The well was then perforated from 3,387 to 3,532 feet. The well flowed 30 MCF of gas per day after treatment. Either the stimulation of the well was not effective or severe depletion had previously occurred.

The most recent shut-in wellhead pressure reported for the H. S. Record-1 Well was 13 psia on July 2, 1985. A graphical plot of the shut-in wellhead pressure indicates that severe pressure decline occurred from October 1971 to August 1973 with the wellhead pressure dropping from 307 to 117 psia. Pressures were fairly constant from the years 1973 to 1983, at which time they began to decline rapidly, dropping from 115 psia in 1983 to 13 psia in July 1985. For all practical purposes, the H. S. Record-1 has been shut-in since February 1986. The shut-in wellhead pressure was 118 psia on February 8, 1987. It is my opinion that the reported wellhead pressure of 13 psia was not an accurate pressure. The shut-in wellhead pressure for the infill H. S. Record-9 Well was 300 psia on February 8, 1987.

The total interval of completion for the infill H. S. Record-9 is 175 feet thick, while the correlating interval in the pre-existing H. S. Record-1 Well was completed with approximately 145 feet. The additional 30 feet of gross pay has been perforated and stimulated in the infill H. S. Record-9 Well.

The reason the pre-existing H. S. Record-1 Well cannot efficiently and effectively drain the portion of the reservoir covered by the proration unit is that the well has less estimated net effective pay present and less gross pay opened and stimulated than does the H. S. Record-9 Well.

Rule 9

Section A: Attached is a Yates Formation structure map for the area including and surrounding the Doyle Hartman H. S. Record-9 Well, as required by Rule 9, Section A.

Section B: Below is a narrative describing the volume of increased ultimate recovery expected to be obtained and how it was calculated as required by Rule 9, Section B. The H. S. Record-9 Well has a volumetrically calculated estimated ultimate recovery of 530,258 MCF of gas from the 160-acre proration unit. We have assigned 187,387 MCF of remaining gross gas reserves to the pre-existing H. S. Record-1 Well at February 8, 1987. The estimate of increased gross gas recovery for the H. S. Record-9 Well was accomplished as follows:

1. The well logs on the H. S. Record-9 Well were analyzed and provided the following information:

Average Porosity, Fraction of Bulk Volume	0.191
Average Connate Water Saturation, Fraction of Net Effective Pore Volume	0.550
Net Effective Pay Thickness, Feet	61.000

2. Production tests for the H. S. Record-9 Well were performed on February 8, 1987. Analysis of these tests showed the following:

Initial Stabilized Wellhead Shut-in Pressure, Psia	300
Initial Gas Formation Volume Factor, SCF/CF	19.4

3. The volumetrically calculated estimated ultimate recovery was determined using the above information and is as follows:

Original Gas-In-Place:	
MCF/Acre	4,431
MCF/160 Acre	708,901

Estimated Gas Recovery Factor Fraction of Original Gas-In-Place	0.748
--	-------

Estimated Ultimate Recovery, MCF/160 Acres	530,258
---	---------

Section C: Additional supporting data are as follow:

1. Summarized completion data with well logs for the pre-existing H. S. Record-1 Well and the infill H. S. Record-9 Well.
2. Tabulated historical gas production data with a graphical display for the Doyle Hartman H. S. Record-1 and -9 Wells.
3. Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing H. S. Record-1 Well and the infill H. S. Record-9 Well.

We believe that the above information adequately documents this request. The report has been prepared in accordance with Exhibit "A", Order R-6013-A. If additional information is needed, please let us know.

Yours very truly,

JOE C. NEAL & ASSOCIATES



TABLE 1

Summary of Required Information
 Rule 8, Exhibit "A", Order R-6013A
 Section "A" Through "F"
 Natural Gas Policy Act Infill Findings, Administrative Procedure

<u>Section of Rule 8</u>	<u>Rule 8 Requirements</u>	<u>Pre-Existing Well Doyle Hartman, Operator</u>	<u>Infill Application Well Doyle Hartman, Operator</u>
A	Lease Name and Well Location	H. S. Record-1 660' FNL & 660' FEL, Section 22	H. S. Record-9 660' FNL & 1,820' FEL, Section 22
G	Spud Date	08/05/48	11/29/85
C	Completion Date	08/23/48	12/14/85
D	Mechanical Problems	None	None
E	Current Rate of Production	Produced 27.4 MCFPD Average for January and February 1986	Produced 451.4 MCFPD Average for January and February 1986
F	Date of Plug and Abandonment	Not Plugged	Not Plugged

30-025-39484
FEC

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEC <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. Type of Work		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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name H. S. Record
2. Name of Operator ✓ Doyle Hartman		9. Well No. 9
3. Address of Operator Post Office Box 10426 Midland, Texas 79702		10. Field and Pool, or Wildcat Jalmat (Gas)
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>22S</u> RGE. <u>36E</u> N.M.P.M.		12. County Lea
19. Proposed Depth 3800		19A. Formation Yates-Seven Rivers
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3531.5 G.L.
21A. Kind & Status Plug. Bond Multi-Well Approved		21B. Drilling Contractor Not-Selected
22. Approx. Date Work will start November 1985		

23.

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	400	200	Circulate
8-3/4	7	23	3800	600	Circulate

Before drilling out from under the surface pipe, the well will be equipped with a 3000 psi, 10-inch series 900 Double-Ram Hydraulic BOP.

Note: Any gas produced from this well is dedicated to El Paso Natural Gas Co.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

If the well is to be drilled, the operator must submit a copy of this permit to the State Engineer's Office, Santa Fe, New Mexico, for filing.

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.

Signed Larry A. Wmeyer Title Engineer Date October 28, 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT ENGINEER TITLE

ADDITIONS OF APPROVAL, IF ANY:

DATE NOV 27 1985

DEC 2 1985

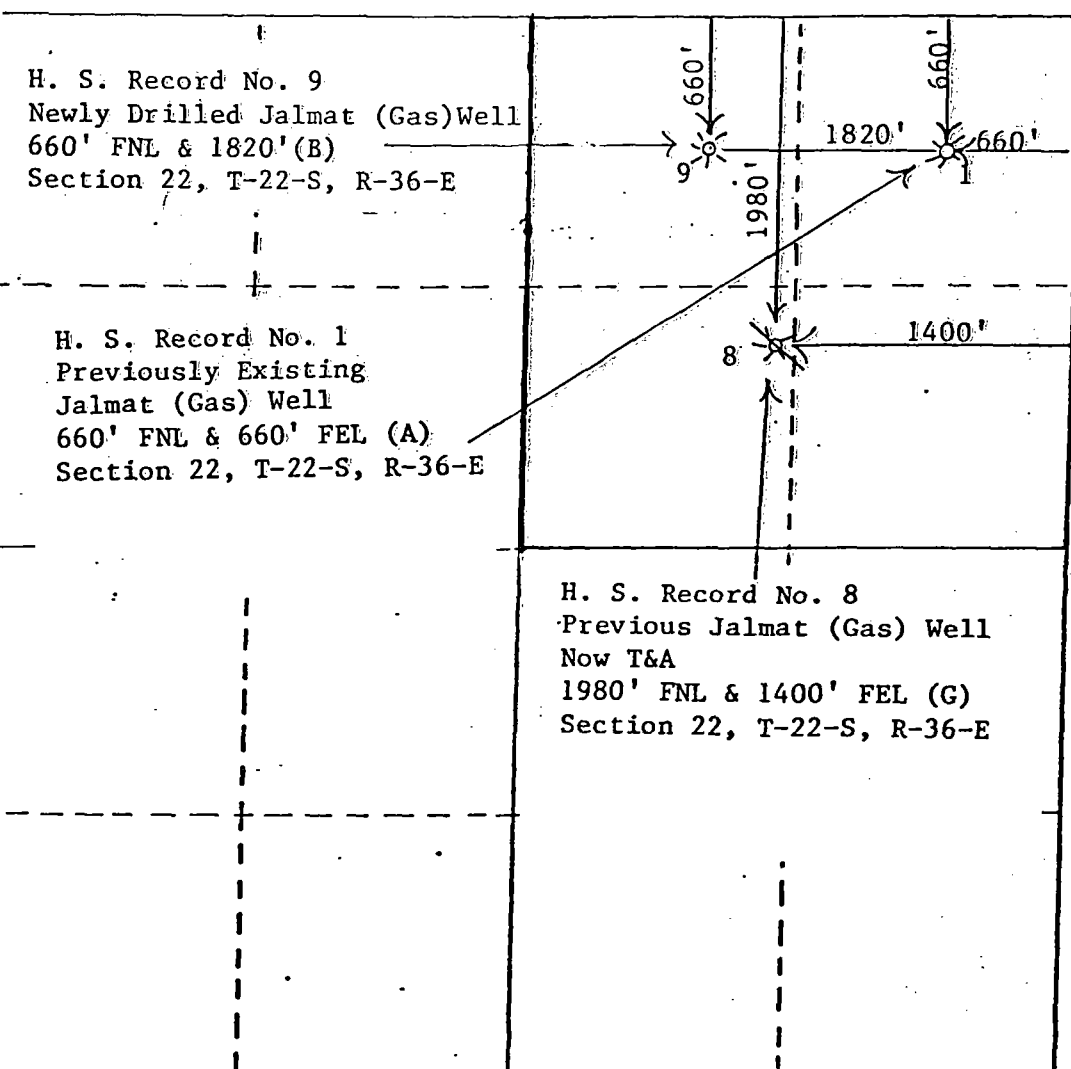
Owner Doyle Hartman		Lease H. S. Record		Well No. 9
Well Letter B	Section 22	Township 22-South	Range 36-East	County Lea
Actual Well Location of Well:				
660	feet from the North	line and	1400³	feet from the East
Ground Level Elev. 3531.5	Producing Formation Yates-Seven Rivers	Pool Jalmat (Gas)	Dedicated Acreage 160	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.	
Name	Michelle Hembree
Position	Administrative Assistant
Company	Doyle Hartman
Date	March 31, 1986
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	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

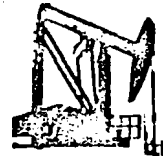


TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 4, 1986

50 YEARS



1935 - 1985

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Doyle Hartman
P. O. Box 10426
Midland, Texas 79702

Attention: Michelle Hembree,
Administrative Assistant

Administrative Order NSP-1485-(SD)

Dear Ms. Hembree:

Reference is made to your application for a 160-acre non-standard gas spacing and proration unit consisting of the SE/4 of Section 22, Township 22 South, Range 36 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

Also, you are hereby authorized to simultaneously dedicate this unit to your H. S. Record Wells Nos. 1 and 9 located 660 feet from the North and East lines (Unit A) and 660 feet from the North line and 1820 feet from the East line (Unit B), respectively, of said Section 22. Further, you are hereby permitted to produce the allowable assigned the unit from these wells in any proportion.

By authority granted me under the provisions of Division Order No. R-1670, as amended, governing the Jalmat Gas Pool, the above non-standard gas spacing and proration unit is also approved.

Sincerely,

R. L. STAMETS,
Director

cc: Oil Conservation Division - Hobbs

MAR 10 1986

COMPLETION RECORD

SPUD DATE 8-5-48 COMP. DATE 8-23-48

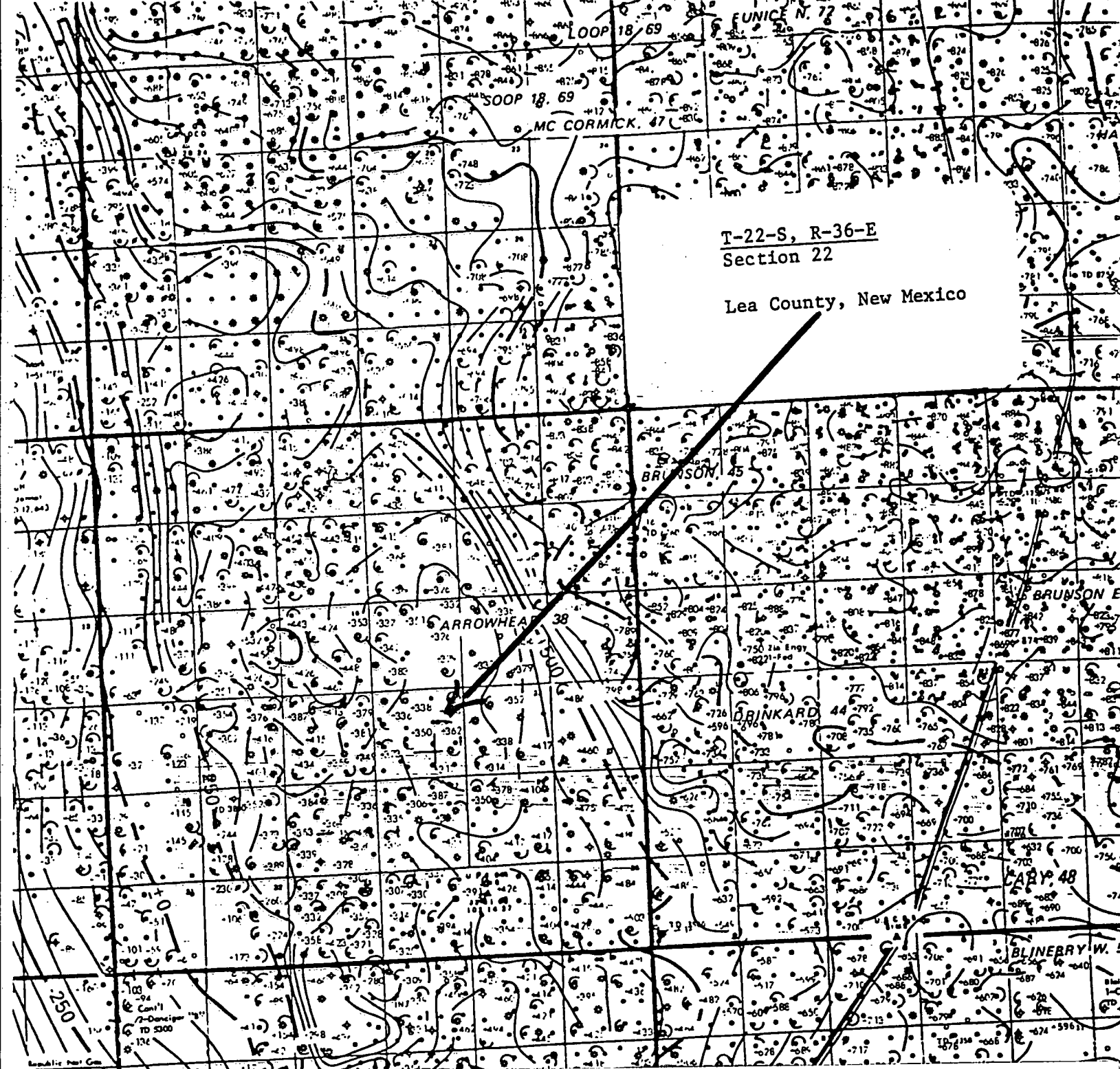
TD 3490 PBTD

CASING RECORD 13³/₈ @ 60 W/50
9⁵/₈ @ 1606 W/1000
5¹/₂ @ 3201 W/800

PERFORATING RECORD OH: 3201-3490
(Yates)

STIMULATION NATURAL

IP IPF= 30% MCEPA



T-22-S, R-36-E
Section 22

Lea County, New Mexico

BRUNSON. 45

ARROWHEAD. 38

BRINKARD. 44

BRY. 48

BLINERY W.

103
94
Cont'l
7-Dancer "8"
TD 5300
-136

2500
155

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Form C-105
Revised 11-78

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☐

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
H. S. Record

9. Well No.
9

10. Field and Pool, or Wildcat
Jalmar (Gas)

2. Name of Operator
Doyle Hartman

3. Address of Operator
Post Office Box 10426 Midland, Texas 79702

4. Location of Well
UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1820 FEET FROM

THE East LINE OF SEC. 22 TWP. 22S RGE. 36E NMPM

12. County
Lea

15. Date Spudded 11-29-85
16. Date T.D. Reached 12-05-85
17. Date Compl. (Ready to Prod.) 12-14-85
18. Elevations (DF, R&B, RT, GR, etc.) 3531.5 G.L.
19. Elev. Casinghead 3532

20. Total Depth 3830
21. Plug Back T.D. 3823
22. If Multiple Compl., How Many -----
23. Intervals Drilled By Rotary Tools 0-3830 Cable Tools -----

25. Was Directional Survey Made
No

24. Producing Interval(s), of this completion - Top, Bottom, Name
3328-3503 (Yates-Seven Rivers)

27. Was Well Cored
No

26. Type Electric and Other Logs Run
CDL-DSN; Guard-Forxo; Dual Induction-Guard; RFT

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	423	12-1/4	350 sx (circ)	None
7	26	3830	8-3/4	800 sx (circ)	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3378	None

31. Perforation Record (Interval, size and number)
22 shots with one shot each at: 3328, 3343, 3357, 3360, 3363, 3366, 3401, 3404, 3407, 3410, 3416, 3425, 3429, 3432, 3435, 3443, 3446, 3449, 3452, 3454, 3498, 3503

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3328-3503	A/6450 gal

PRODUCTION

33. First Production 12-14-85
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
Well Status (Prod. or Shut-in) Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-15-85	24	20/64		---	143	---	---

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
FTP= 43	FCP= 150		---	143	---	---

Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Harold Swain

List of Attachments
Deviation Survey & C-104

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 Larry A. Nermyr TITLE Engineer DATE December 17, 1985

DEC 31 1985

COMPANY Doyle Hartman

WELL H.S. Record No. 9

FIELD Talmat (Gas)

LOCATION 660 FNL & 1820 FEL (B)
Section 22, T-22-S, R-36-E

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB 3541.5

DF

GL 3531.5

Doyle Hartman
H.S. Record No. 9
B-22-22S-36E

COMPLETION RECORD

SPUD DATE 11-29-85 COMP. DATE 12-14-85

TD 3830 PBTD 3823

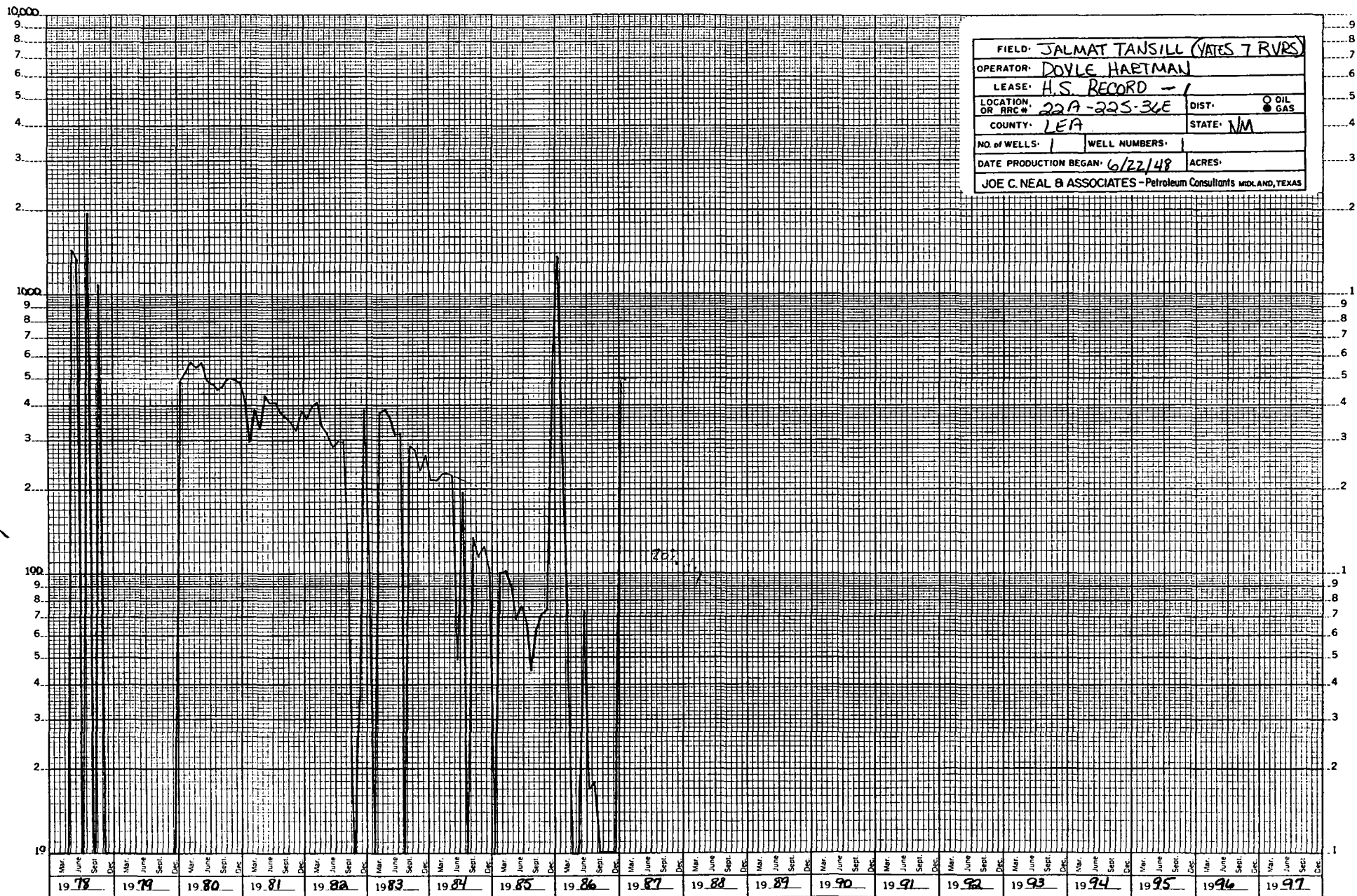
CASING RECORD 9 5/8 @ 423 w/ 350
7 @ 3830 w/ 800

PERFORATING RECORD Perf: 3328-3503

STIMULATION A/6450

47 6840

SAS/NLIF



DWT12042
 DOYLE HARTMAN, OIL OPERATOR
 DWIGHTS ENERGY DATA SYSTEM RUN DATE 2/13/87 TIME 11:20:10 PAGE 1

LEASE NAME H S RECORD LOCATION 22A22S 36E DWIGHTS ID # 30222S36E22A00YT FIELD - JALMAT TANSILL YT 7 RVRS (PRO GAS) YT PRORATION UNIT # - 03768
 WELL 1 STATUS - 01 ACTIVE
 OPER HARTMAN DOYLE COMPLETION DATE 6/22/40 CUME DATES - LIQUID 0/69/12 CUMES - LIQUID 0 LIQ GATHERER
 1ST PRODUCTION 0/00/00 GAS 0/69/12 GAS 3838472 GAS GATHERER EL PASO NATURAL GAS

SELECTION FROM-TO 70-87															
PRODUCTION DATA															
YR NR WELLS PRODN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	ITD	AVG
70 FLOW	1	1	1	1	1	1	1	1	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0		0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	1136	993	1184	833	775	1220	872	449	203	609	161	541	8976	3847448	748
71 FLOW	1	1	1	1	1	1	1	1	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0		0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	338	211	140	303	584	486	463	259	771	626	2979	1700	8860	3856308	738
72 FLOW	1	1	1	1	1	1	1	0	0	0	0	0			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0		0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	1434	846	780	1159	3113	4774	280	0	0	0	0	0	12386	3868694	1769
78 FLOW	0	0	0	0	1	1	0	1	0	1	0	0			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0		0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	0	0	0	0	1439	1339	0	1951	0	1068	0	0	5797	3874491	1449
80 FLOW	1	1	1	1	1	1	1	1	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0		0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	483	524	573	545	570	493	478	457	466	500	495	484	6068	3880559	506
81 FLOW	1	1	1	1	1	1	1	1	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0		0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	428	297	381	330	434	404	405	376	361	349	323	381	4469	3885028	372

DWT120W2

DOYLE HARTMAN, OIL OPERATOR

DWIGHTS ENERGY DATA SYSTEM

RUN DATE 2/13/87 TIME 11:20:10

PAGE 2

LEASE NAME H S RECORD

LOCATION 22A22S 36E

DWIGHTS ID # 30222S36E22A00YT

FIELD - JALMAT TANSILL YT 7 R/RS (PRO GAS) YT

PRORATION UNIT # - 03760

WELL 1

STATUS - 01 ACTIVE

OPER HARTMAN DOYLE

COMPLETION DATE 6/22/48

CUMEDATES - LIQUID 0/69/12

CUMES - LIQUID 0/69/12

0 LIQ GATHERER

1ST PRODUCTION 0/00/00

GAS 0/69/12

GAS

3838472 GAS GATHERER EL PASO NATURAL GAS

SELECTION

FROM-TO

70-87

PRODUCTION DATA

YR NR WELLS PRODN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	ITD	AVG
82 FLOW	1	1	1	1	1	1	1	1	1	0	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	358	295	408	337	317	284	299	297	112	0	35	384	3222	3888250	293
83 FLOW	1	0	1	1	1	1	1	0	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	31	0	31	30	31	30	31	0	30	31	30	31	306		31
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	92	0	374	387	362	312	317	0	287	275	233	263	2902	3891152	290
84 FLOW	1	1	1	1	1	1	1	0	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	31	29	31	30	31	30	31	0	30	30	30	31	334		30
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	217	215	227	228	222	49	195	0	134	114	123	103	1827	3892979	166
85 FLOW	0	1	1	1	1	1	1	1	1	1	1	1			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	0	28	31	30	31	30	31	31	30	31	30	31	334		30
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	0	100	102	91	69	76	68	45	64	72	74	479	1240	3894219	113
86 FLOW	1	1	1	1	1	1	1	1	1	1	0	0			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	31	28	0	0	0	5	1	1	1	0	0	0	67		11
OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAS	1365	252	48	0	0	73	17	18	8	0	0	0	1781	3896000	254

Well Shut-in by Pipeline

SCR2
Lease# Name
480803

Hartman Operated Wells
Field Production Estimates
RECORD, H. S. #1 1987

Today 2-13-87
Time 11:54:37

Mcfpd	Ropd	Rwpd	Tp	Cp	Chk	Days	Prod	Remarks
			120	120	64	S/I	1/10	SI BY PIPELINE
			120	120	64	S/I	1/11	SI BY PIPELINE
			120	120	64	S/I	1/12	SI BY PIPELINE
			120	120	64	S/I	1/13	SI BY PIPELINE
			120	120	64	S/I	1/14	SI BY PIPELINE
			120	120	64	S/I	1/15	SI BY PIPELINE
62			120	120	64	1	FLOW	1/16
60			80	80	64	1	FLOW	1/17
52			74	74	64	1	FLOW	1/18
53			72	74	64	1	FLOW	1/19
51			52	52	64	1	FLOW	1/20
41			50	50	64	1	FLOW	1/21
42			50	48	64	1	FLOW	1/22
35			55	55	64	1	FLOW	1/23
31			58	58	64	1	PUMP	1/24

Press Enter/Rec Adv to continue

CMD 2 to Display Accumulator

CMD 5 for previous screen

CMD 7 to End Job

CMD 11 for another Lease

SCR2
Lease# Name
480803

Hartman Operated Wells
Field Production Estimates
RECORD, H. S. #1 1987

Today 2-13-87
Time 11:54:37

Mcfpd	Bopd	Bwpd	Tp	Cp	Chk	Prod	Days	Remarks
34			54	54	64	1	FLOW 1/25	
29			54	54	64	1	FLOW 1/26	
29			54	52	64	1	FLOW 1/27	
31			52	50	64	1	FLOW 1/28	
			118	118	64	S/I	1/29	SI BY PIPELINE
			118	118	64	S/I	1/30	SI BY PIPELINE
			118	118	64	S/I	1/31	SI BY PIPELINE
			118	118	64	S/I	2/01	SI BY PIPELINE
			118	118	64	S/I	2/02	SI BY PIPELINE
			116	116	64	S/I	2/03	SI BY PIPELINE
			116	116	64	S/I	2/04	SI BY PIPELINE
			116	116	64	S/I	2/05	SI BY PIPELINE
			116	116	64	S/I	2/06	SI BY PIPELINE
			118	118	64	S/I	2/07	SI BY PIPELINE
			118	118	64	S/I	2/08	SI BY PIPELINE

Press Enter/Rec Adv to continue CMD 7 to End Job
CMD 2 to Display Accumulator CMD 11 for another Lease
CMD 5 for previous screen

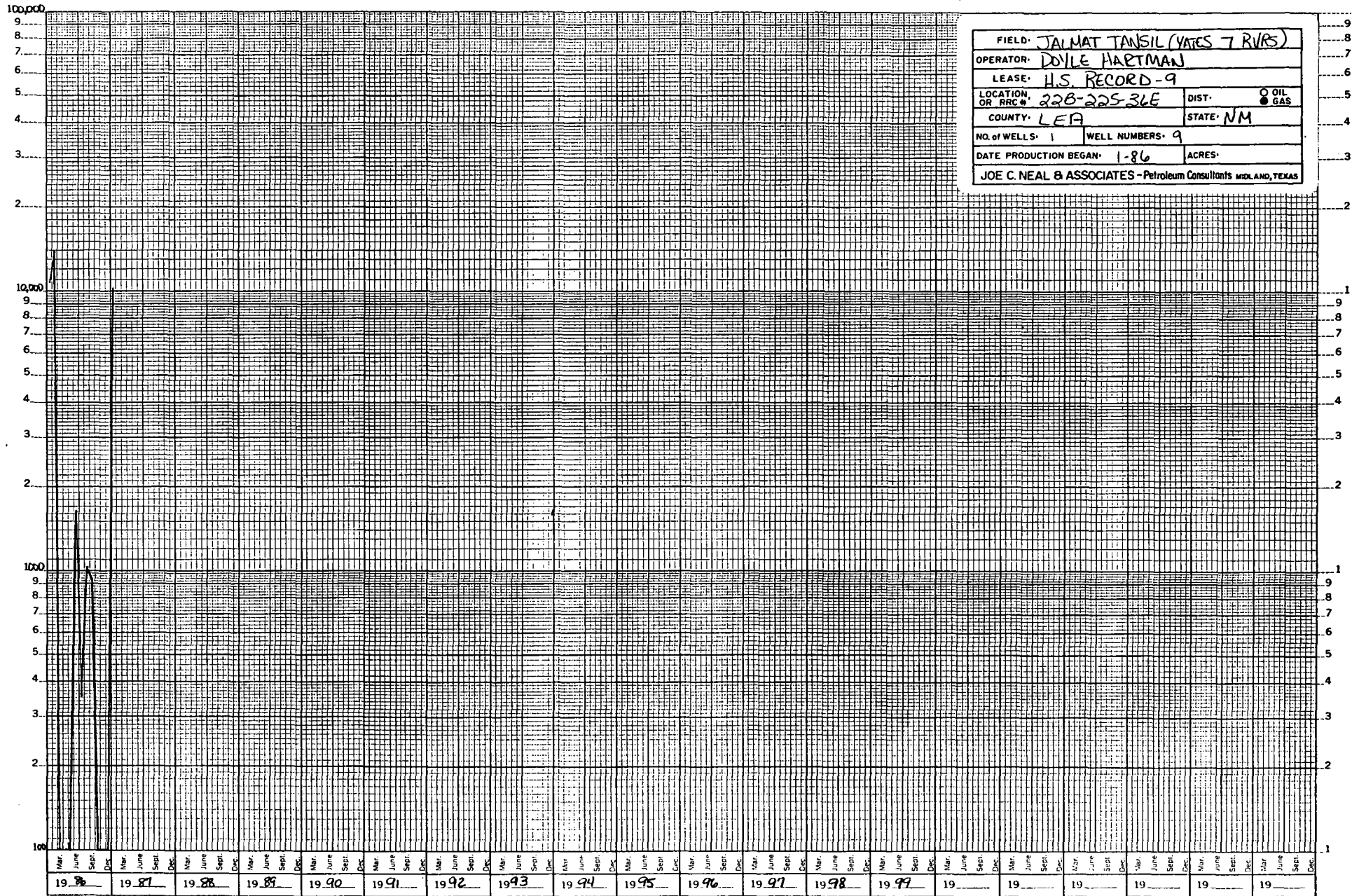
LEASE NAME H S RECORD LOCATION 22A22S 36E DWIGHTS ID # 30222S36E22A00YT FIELD = JALMAT TANSILL YT 7 RURS (PRO GAS) YT PRORATION UNIT # - 03768
WELL 1 STATUS - 01 ACTIVE
OPER HARTMAN DOYLE COMPLETION DATE 6/22/40 CUME DATES - LIQUID 0/69/12 CUMES - LIQUID 0 LIQ GATHERER
1ST PRODUCTION 0/00/00 GAS 0/69/12 GAS 3836472 GAS GATHERER EL PASO NATURAL GAS

SELECTION
FROM-TO
70-87

TEST DATA

TEST DATE	WELLHEAD S/I PRESS (PSIA)	BOT HOLE PRESSURE (PSIA)	Z-FACTOR	P/Z	TEST DATE GAS CUME
70/09/11	342	371	.947	392	3,846,008
71/10/15	307	333	.952	350	3,851,306
73/08/14	117	127	.981	129	
80/08/04	123	133	.980	136	3,878,216
81/03/25	97	105	.985	107	3,881,591
82/09/14	120	130	.981	133	3,887,771
83/08/08	115	124	.982	126	3,890,094
84/06/25	71	77	.989	78	3,892,302
85/07/02	13	14	.998	14	3,893,421

GAS/MCF



FIELD: JALMAT TANSIL (YATES 7 RVRS)	
OPERATOR: DOYLE HARTMAN	
LEASE: H.S. RECORD-9	
LOCATION, OR RRC #	DIST. OIL GAS
22B-225-36E	
COUNTY: LEA	STATE: NM
NO. of WELLS: 1	WELL NUMBERS: 9
DATE PRODUCTION BEGAN: 1-86	ACRES:
JOE C. NEAL & ASSOCIATES - Petroleum Consultants MIDLAND, TEXAS	

DWT120W2

DOYLE HARTMAN, OIL OPERATOR

DWIGHTS ENERGY DATA SYSTEM

RUN DATE 2/13/87 TIME 11:20:10

PAGE 3

LEASE NAME H S RECORD

WELL 9

OPER HARTMAN DOYLE

LOCATION 228225 36E

STATUS - 01 ACTIVE

COMPLETION DATE 0/00/00

1ST PRODUCTION 0/01/86

DWIGHTS ID # 30222936E22800YT

FIELD - JALMAT TANSILL YT 7 RVRS (PRD GAS) YT

PRODUCTION UNIT # - 03768

CUM DATES - LIQUID

0/00/00

GAS

0/00/00

CUMES - LIQUID

GAS

0 LIO GATHERER EL PASO NATURAL GAS

0 GAS GATHERER EL PASO NATURAL GAS

SELECTION

FROM-TO

70-87

PRODUCTION DATA

YR NR WELLS PRODN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	ITD	N/G
86 FLOW	1	1	1	1	1	1	1	1	1	1	0	0			
LIFT	0	0	0	0	0	0	0	0	0	0	0	0			
DAYS	27	28	0	0	0	5	1	1	1	0	0	0	63		11
OIL	0	134	0	0	0	0	0	0	0	0	0	0	134	134	134
WATER	0	0	0	0	0	0	0	0	0	0	0	0	0		0
GAS	10882	13945	0	0	26	1637	354	1025	924	0	0	0	28793	28793	4113

Well Shut-in by Pipeline

SCR2
Lease# Name
851129

Hartman Operated Wells
Field Production Estimates
RECORD, H. S. #9 1987

Today 2-13-87
Time 11:53:44

Mcfpd	Bopd	Bwpd	Tp	Cp	Chk	Days Prod	Remarks
			330	326	28	S/I	1/10 SI BY PIPELINE
			330	326	28	S/I	1/11 SI BY PIPELINE
			334	330	28	S/I	1/12 SI BY PIPELINE
			334	330	28	S/I	1/13 SI BY PIPELINE
			334	330	28	S/I	1/14 SI BY PIPELINE
			334	330	28	S/I	1/15 SI BY PIPELINE
1092			240	284	28	1 FLOW	1/16
1092			190	240	28	1 FLOW	1/17
1026			180	240	28	1 FLOW	1/18
1045			158	248	38	1 FLOW	1/19
1006			132	240	38	1 FLOW	1/20
1007			124	236	38	1 FLOW	1/21
779			100	240	38	1 FLOW	1/22
			75	240	38	1 FLOW	1/23 WELL LOADED WITH FLUID
829	41	70	240	38	1 FLOW	1/24	

Press Enter/Rec Adv to continue

CMD 2 to Display Accumulator

CMD 5 for previous screen

CMD 7 to End Job

CMD 11 for another Lease

SCR2
Lease# Name
851129

Hartman Operated Wells
Field Production Estimates
RECORD, H. S. #9 1987

Today 2-13-87
Time 11:53:44

Mcfpd	Bopd	Bwpd	Tp	Cp	Chk	Days Prod	Remarks
814		65	68	236	38	1 FLOW	1/25
777		62	68	220	64	1 FLOW	1/26
739		70	70	224	64	1 FLOW	1/27
755		62	68	224	64	1 FLOW	1/28
			270	262	64	S/I	1/29 SI BY PIPELINE
			278	270	64	S/I	1/30 SI BY PIPELINE
			278	270	64	S/I	1/31 SI BY PIPELINE
			278	270	64	S/I	2/01 SI BY PIPELINE
			280	280	64	S/I	2/02 SI BY PIPELINE
			290	290	64	S/I	2/03 SI BY PIPELINE
			290	290	64	S/I	2/04 SI BY PIPELINE
			300	296	64	S/I	2/05 SI BY PIPELINE
			300	296	64	S/I	2/06 SI BY PIPELINE
			306	300	64	S/I	2/07 SI BY PIPELINE
			300	306	64	S/I	2/08 SI BY PIPELINE

Press Enter/Rec Adv to continue

CMD 2 to Display Accumulator

CMD 5 for previous screen

CMD 7 to End Job

CMD 11 for another Lease

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TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

I.

Operator

Doyle Hartman

Address

Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing (Check proper box)

New Well ☒

Change in Transporter of:

Recompletion ☐

Oil ☐

Dry Gas ☐

Change in Ownership ☐

Casinghead Gas ☐

Condensate ☐

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name H. S. Record	Well No. 9	Pool Name, including Formation Jalmat (Gas)	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter B	660	Feet From The North Line and	1820	Feet From The East
Line of Section 22	Township 22S	Range 36E	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 checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.	P. O. Box 1492 El Paso, Texas 79978
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	No December 1985

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res
		X	X					
Date Spudded 11-29-85	Date Compl. Ready to Prod. 12-14-85	Total Depth 3830	P.B.T.D. 3823					
Elevations (DF, RKB, RT, GR, etc.) 3531.5 G.L.	Name of Producing Formation Yates-Seven Rivers	Top Oil/Gas Pay 3328	Tubing Depth 3378					
Perforations 2000-2500 Yates Seven Rivers			Depth Casing Shoe 3830					

This form is to be filed with the appropriate District Office of the Commission 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 radioactivity logs on the well and a summary of all special tests conducted, including drill stem tests. All data reported shall be measured depths. In the case of conventionally 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 1542	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1638	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt 3028	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3210	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3456	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 3328 to 3503	No. 4, from to
No. 2, from to	No. 5, from to
No. 3, 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
1542	1638	96	Anhydrite				
1638	3028	1390	Salt & Anhydrite				
3028	3210	182	Dolomite & Anhydrite				
3210	3456	246	Dolomite, Sandstone, & Anhydrite				
3456	3830	374	Dolomite & Sandstone				



JOHN WEST
ENGINEERING
COMPANY

412 North Dal Paso
Hobbs, New Mexico 88240

December 15, 1986

Mr. Doyle Hartman
500 North Main
Midland, Texas 79701

Re: Multi-point back pressure tests "Custer State No. 1"
"Toby No. 3"
"E.E. Jack No. 5"
"Marlow State No. 1"
✓ "H.S. Record No. 4"
"Holt M-xico State No. 1"
"Olsen Blinebry No. 2"

Dear Sir:

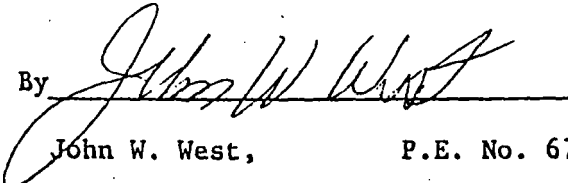
On December 9, 1986, the tests on the captioned wells were made in the field and the calculations as shown on the Form C-122 and the attached Log-Log plot were made under my supervision. This is to certify that the data and facts shown on the said Form C-122 and the attached plot are true and correct to the best of my knowledge.

Respectfully Submitted,

John West Engineering Co., Inc.



By


John W. West, P.E. No. 676

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-63

Type Test <input type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special				Test Date 12-9-86	
Company DOYLE HARTMAN			Connection L P N 6		
Pool JYL MAT			Formation		Unit
Completion Date		Total Depth		Plug Back TD	Elevation
					Form or Lease Name N. S. RECORD
Cas. Size	Wt.	d	Set At	Perforations: From To	
Thg. Size	Wt.	d	Set At	Perforations: From To	
2 3/8					
Type Well - Single - Drivenhead - G.G. or G.O. Multiple SINGLE				Packer Set At	
Producing Thru T26.				County LEA	
Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
				State N. M.	
L	H	Og	% CO ₂	% N ₂	% H ₂ S
3328	3328	.679			
Prover			Meter Run		
			3		
Taps			FL6		

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. in. H ₂ O	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							319		319		72.5
1.	3	X	2.000	22	12.00	26	302		319		30.9m
2.	3	X	2.000	22	34.00	26	278		310		30.0
3.	3	X	2.000	22	54.00	26	234		300		30.0
4.	3	X	2.000	22	69.00	25	191		293		30.0
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super. Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
1	21.32	20.55	35.2	1.034	1.214	NIL	550
2	21.32	36.59	35.2	1.034	1.214	NIL	926
3	21.32	43.60	35.2	1.034	1.214	NIL	1167
4	21.32	49.28	35.2	1.035	1.214	NIL	1320
5							

NO.	R	Temp. °R	T	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					DP-1 GAS	
2					A.P.I. Gravity of Liquid Hydrocarbons	42
3					Specific Gravity Separator Gas	0.70
4					Specific Gravity Flowing Fluid	XXXXXX
5					Critical Pressure	P.S.I.A.
					Critical Temperature	R

NO.	P _i ²	P _w	P _w ²	P _e ² - P _w ²
1		332.2	110.4	0
2		323.2	106.5	5.9
3		313.2	98.1	12.3
4		308.2	95.0	15.4
5				

(1) $\frac{P_e^2}{P_e^2 - P_w^2} = 18.71$

AOF = Q $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 3.994$

(2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 4.313$

Absolute Open Flow	3,994	Mcf @ 15.025	Angle of Slope @	63.5	Slope, n	1.459
Remarks:						
Approved By Commission:	Conducted By:	Calculated By:	Checked By:			
	W.S.	JD	TW			

DOYLE HARTMAN
N.S. RECORD No. 9



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OPERATION	

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

Form C-103
Revised 10-1-

3a. Indicate Type of Lease
State ☐ Free ☒
3. 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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Doyle Hartman	8. Firm or Lease Name H. S. Record
3. Address of Operator Post Office Box 10426 Midland, Texas 79702	9. Well No. 9
4. Location of Well UNIT LETTER B 660 FEET FROM THE North LINE AND 1820 FEET FROM THE East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E N.M.P.M.	10. Field and Pool, or Wildcat Jalmat (Gas)
11. Elevation (Show whether DF, RT, GR, etc.) 3531.5 G.L.	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 JOBS <input checked="" type="checkbox"/>	

13. 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.

Drilled well to a total depth of 3830'. Ran 92 joints (3831.91') of 7" OD, 26 lb/ft, ST&C casing and landed at 3830'. Cemented with 500 sx of API Class C cement containing 3% Econolite, 5 lb/sx Gilsonite and 1/4 lb/sx Floseal followed by 300 sx of a 50-50 blend of Pozmix A containing 18% Salt, 5 lb/sx Gilsonite and 1/2 lb/sx Floseal. Plug down at 5:30 a.m. 12-07-85. Circulated 200 sx excess cement to pits. Pressure tested casing to 1500 psi and pressure held okay. Released pressure and float held okay.

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

Signed Michelle Hernandez TITLE Administrative Assistant DATE December 12, 198

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

L CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-7

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
State ☐ Free ☒
3. 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-1011 FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Doyle Hartman	8. Firm or Lease Name H. S. Record
3. Address of Operator Post Office Box 10426 Midland, Texas 79702	9. Well No. 9
4. Location of well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1820</u> FEET FROM THE <u>East</u> LINE, SECTION <u>22</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> NMPM.	10. Field and Pool, or Whident Jalmat (Gas)
11. Elevation (Show whether DF, RT, CR, etc.) 3531.5 G.L.	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 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"/>	

13. 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.

Spudded well at 3:00 p.m. CST 11-29-85. Drilled 12-1/4" hole to a total depth of 426' with spud mud. Ran 11 joints (426.40') of 9-5/8" OD, 36 lb/ft, ST&C casing and landed at 423'. Cemented with 350 sx of API Class C cement containing 2% CaCl. Plug down at 2:30 a.m. CST 11-30-85. Circulated 80 sx of excess cement to pits. WOC 21-1/4 hours.

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

by Michelle Hernandez TITLE Administrative Assistant DATE December 3, 1985

ORIGINAL SIGNED BY JERRY SEATON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEC 9 1985

DEC 5 - 1985

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

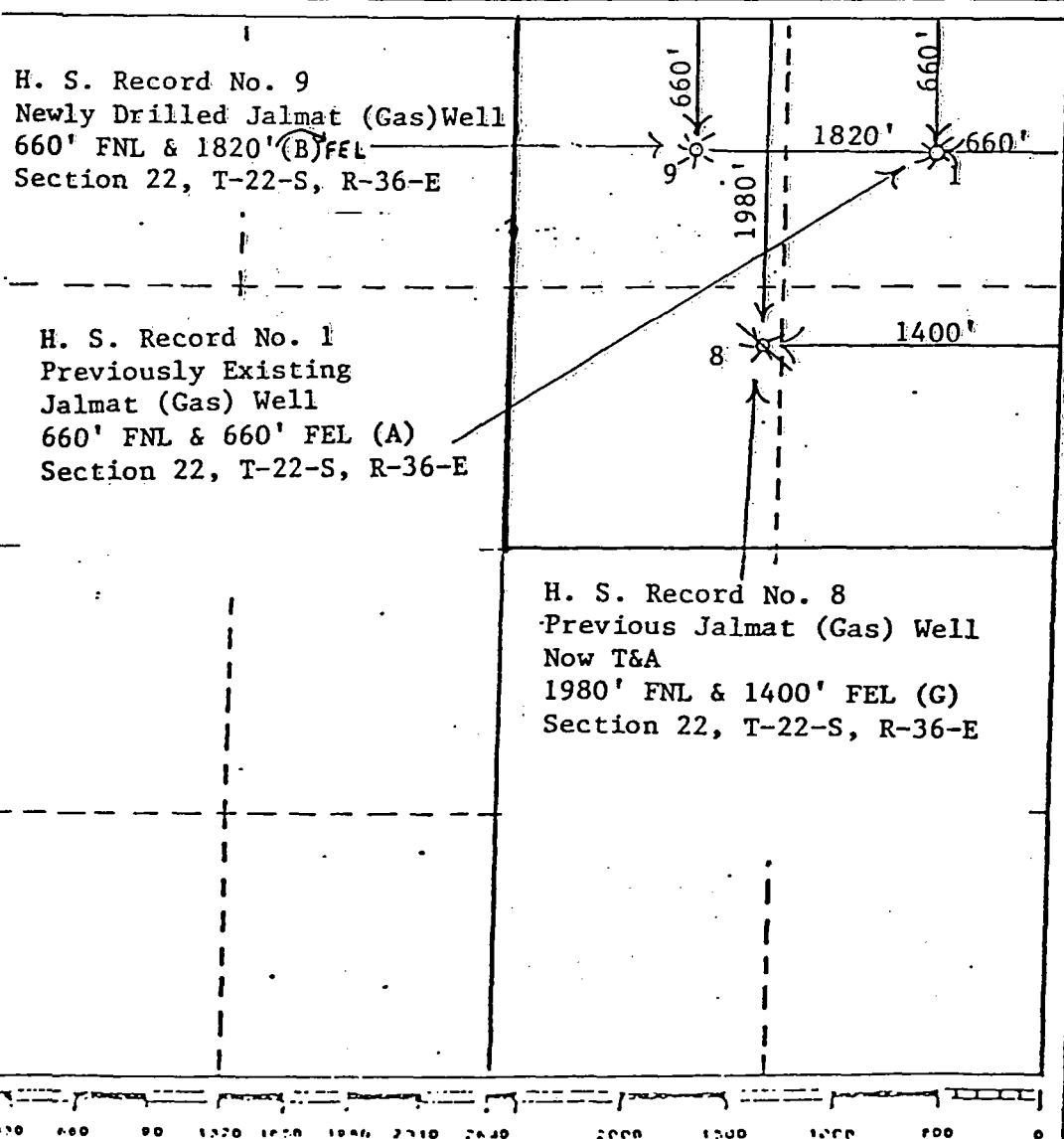
Owner Doyle Hartman		Lease H. S. Record		Well No. 9	
Well Letter B	Section 22	Township 22-South	Range 36-East	County Lea	
Well Location of Well:					
660 feet from the North		1820 feet from the East			
Well Level Elev. 3531.5	Producing Formation Yates-Seven Rivers	Pool Jalpat (Gas)		Dedicated Acreage 160	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Michelle Hembree
Name

Michelle Hembree

Position

Administrative Assistant

Company

Doyle Hartman

Date

March 31, 1986

I hereby certify that the well location shown on this plat was plotted from field notes and 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

Registered Professional Engineer
under License No. _____

Certificate No.

WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 11-63

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

Owner Doyle Hartman		Lease H. S. Record		Well No. 1	
Well Letter A	Section 22	Township 22-South	Range 36-East	County Lea	
Actual Location of Well:					
660	feet from the North	line and	660	feet from the East	line
Ground Level Elev. 3530	Producing Formation Yates-Seven Rivers	Pool Jalmat (Gas)	Dedicated Acreage 160		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

H. S. Record No. 9
Newly Drilled Jalmat (Gas) Well
660' FNL & 1820' (B) FEL
Section 22, T-22-S, R-36-E

H. S. Record No. 1
Previously Existing
Jalmat (Gas) Well
660' FNL & 660' FEL (A)
Section 22, T-22-S, R-36-E

H. S. Record No. 8
Previous Jalmat (Gas) Well
Now T&A
1980' FNL & 1400' FEL (G)
Section 22, T-22-S, R-36-E

CERTIFICATION

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

Michelle Hembree
Name

Michelle Hembree

Position

Administrative Assistant

Company

Doyle Hartman

Date

March 31, 1986

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

MAY 12 1986

30-025-39484
FEC

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEC <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work				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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name H. S. Record	
2. Name of Operator ✓ Doyle Hartman				9. Well No. 9	
3. Address of Operator Post Office Box 10426 Midland, Texas 79702				10. Field and Pool, or Wildcat Jalmat (Gas)	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1820 FEET FROM THE East LINE OF SEC. 22 TWP. 22S RGE. 36E NMPM				12. County Lea	
19. Proposed Depth 3800				19A. Formation Yates-Seven Rivers	
21. Elevations (Show whether D.F., K.I., etc.) 3531.5 G.L.				20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond Multi-Well Approved				21B. Drilling Contractor Not-Selected	
22. Approx. Date Work will start November 1985					

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	400	200	Circulate
8-3/4	7	23	3800	600	Circulate

Before drilling out from under the surface pipe, the well will be equipped with a 3000 psi, 10-inch series 900 Double-Ram Hydraulic BOP.

Note: Any gas produced from this well is dedicated to El Paso Natural Gas Co.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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.

Signed Larry G. Wray Title Engineer Date October 28, 1985

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NOV 27 1985

DEC 2 1985

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-
Effective 1-1-65

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TRANSPORTER	OIL GAS
OPERATOR	
PROBATION OFFICE	

I.

Operator Doyle Hartman	
Address Post Office Box 10426 Midland, Texas 79702	
Reason(s) for filing (Check proper box)	
New Well <input type="checkbox"/>	Change in Transporter of <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	

If change of ownership give name and address of previous owner New Tex Oil Company P. O. Box 297 Hobbs, New Mexico 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name H. S. Record	Well No. 1	Pool Name, including Formation Jalmat Gas (Yates-7 Rivers)	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location				
Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u>				
Line of Section <u>22</u> Township <u>22S</u> Range <u>36E</u> , NMPL, <u>Lea</u> 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 checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
<u>El Paso Natural Gas Company</u>	<u>P. O. Box 1492 El Paso, Texas 79978</u>	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected?	When
	<u>Yes</u>	<u>1-04-80</u>

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Hes'y.	Diff. Res'y.
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

SACKS CEMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

PRODUCER	
TRANSPORTER	
OPERATOR	
PRODUCTION OFFICE	
PRODUCER	
TRANSPORTER	
OPERATOR	
PRODUCTION OFFICE	

NEW TEX OIL COMPANY

Address

P. O. Box 297, Hobbs, NM 88240

Reason(s) for filing (Check proper box)

New Well ☐Recompletion ☐Change in Ownership ☒

Change in Transporter of:

Oil ☐Casinghead Gas ☐Dry Gas ☐Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

Sinclair Development Company, Box 2192, Midland, TX 79702

DESCRIPTION OF WELL AND LEASE

Lease Name H. S. Record	Well No. 1	Pool Name, including Formation Jalmit Yates Seven Rivers	Kind of Lease State, Federal or Free	Lease
----------------------------	---------------	---	---	-------

Location

Unit Letter

A

660

Feet From The

North

Line and

660

Feet From The

East

Line of Section

22

Township

22 S

Range

36 E

N.M.P.M.

Lea

County

SIGNATURE OF TRANSPORTER OF OIL AND NATURAL GAS

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

El Paso Natural Gas Co.

Address (Give address to which approved copy of this form is to be sent)

P. O. Box 1492, El Paso, TX 79978

If well produces oil or liquids,
give location of tanks.

Unit

Sec.

Twp.

Rge.

Is gas actually connected?

Yes

When

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil well	Gas well	New Well	Workover	Deepen	Plug Back	Same as above
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.	
Elevations (DE, RHH, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth	
Perforations						Depth Casing Shoe	

TUBING, CASING, AND CEMENTING RECORD

TUBING SIZE	DEPTH SET	SACKS CEMENT
-------------	-----------	--------------

DATE Jan 28 19 80

ADVICE ON WELLS TIED INTO GAS GATHERING SYSTEMS

Name of Producer Sinclair Development Corp. (8085)

Well Name and Number H.S. Record 1

Location 660'N, 660'E, Sec. 22, T-22-S, R-36-E, Lea Co., NM

Pool Name Jalmat

Producing Formation Yates

Top of Gas Pay 3,387'

Oil or Gas Well Gas

Gas Unit Allocation .25 (40 Acres)

Date Tied Into Gathering Systems 1/4/80

Date of First Delivery 1/4/80

Gas Gathering System Lea County 100# Gathering System

Processed through Gasoline Plant (yes or no) Yes

Station Number 60-189-01

Remarks: Site Code: 60189-6-01

By: M H Mather, Dispatching

NOTICE OF GAS CONNECTION

DATE January 8, 1980

This is to notify the Oil Conservation Division that connection for the

purchase of gas from the Sinclair Development Corp.

OPERATOR

H. S. Record #1

Lea

A 22-22-36

LEASE & WELL

COUNTY

UNIT S-T-R

Jalmat Yates

El Paso Natural Gas Co.

POOL

NAME OF PURCHASER

was made on January 4, 1980

DATE

60189 - 6

0

SITE CODE & SITE WELL NUMBER

El Paso Natural Gas Co.

PURCHASER

M. H. Matchum

REPRESENTATIVE

Assistant Chief Division Dispatcher

TITLE

MHM: bl

cc: Operator

Oil Conservation Division - Santa Fe, NM

H. P. Logan

M. E. McEuen

R. L. Tabb

Proration Dept.

Measurement Dept.- Jal

Earl Smith

File

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

ASSIGNMENT	
PERMIT	
U.S.	
LAND OFFICE	
TRANSPORTER	
OPERATION	
PRODUCTION OFFICE	
Division	

Sinclair Development Corporation

Address
P.O. Box 2192, Midland, Tx. 79702

Reason(s) for filing (Check proper box)		Other (Please explain)	
New Well	<input type="checkbox"/>	Change in Transporter of:	
Incompletion	<input checked="" type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Dry Gas	<input checked="" type="checkbox"/>
		Costinghead Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Well Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
H.S. Record	1	Jalmit-Yates	State, Federal or Fee Fee	

Location

Unit Letter A : 660 Feet From The North Line and 660 Feet From The East

Line of Section 22 Township 22S Range 36E N.M.P.M. Lea County

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)
None-Well Standing	
Name of Authorized Transporter of Costinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	Box 1384 Jal, New Mexico 88252
Is well produces oil or liquids, give location of tanks.	Is gas actually connected? When
No Tanks At Present	No Soon

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

COMPLETION DATA

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

TUBING, CASING, AND CEMENTING RECORD

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

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

Form C-103
Revised 10-1-78

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.

OIL WELL ☐ GAS WELL ☒ OTHER _____

Name of Operator

Sinclair Development Corporation

Address of Operator

P.O.Box 2192, Midland, Tx, 79702

Location of Well

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM

THE East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E NMPM.

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

3530 GL

5a. Indicate Type of Lease

State ☐

Fed ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Date

8. Form or Lease Name

H.S. Record

9. Well No.

1

10. Field and Pool, or Well Unit

Jalmat-Yates

12. County

Lea

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

REPAIR REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

APPROXIMATELY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

REPAIR OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER Production Test ☒

OTHER ☐

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.

10-22-79

Shut-in pressure = 150 PSI. Opened well on Open choke and produced through 2x12.5 orifice critical well tester. Well pressure stabilized @ 78 PSI flowing pressure. Calculated production = 30 MCF per day. Test performed by EPNG and witnessed by H.G. Starling, Basin Consultant. Well now closed closed in waiting on Non-Standard Unit approval.

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

SIGNED

TITLE

Basin Oil Consultants

DATE

11-7-79

PROVED BY

TITLE

DATE

Orig. Signed By

Jerry Sexton

Dist. L. Supv.

NOV 9 1979

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form (C-13)
Revised 12-1-73

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LAND OFFICE	
OPERATOR	

10. Indicate Type of Lease
State ☐ Pool ☒

11. State Oil & Gas Lease No.

SUNDARY NOTICES AND REPORTS ON WELLS

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

☐ CAS WELL ☒ OTHER

12. Name of Operator

Sinclair Development Corporation

13. Address of Operator

Box 2192, Midland, Tx. 79702

14. Location of Well

IT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM

E East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E N.M.P.M.

15. Date of Agreement

16. Name of Lease

U.S. Record

17. Well No.

1

18. Field and Pool, or Well

Jalmar Pools

19. Elevation (Show whether DF, RT, GR, etc.)

3530 GL

20. County

Lea

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

21. REMEDIAL WORK ☐

22. PARTIALLY ABANDON ☐

23. ALTER CASING ☐

24. PLUG AND ABANDON ☐

25. CHANGE PLANS ☐

26. OTHER ☐

SUBSEQUENT REPORT OF:

27. REMEDIAL WORK ☐

28. COMMENCE DRILLING OPNS. ☐

29. CASING TEST AND CEMENT JOBS ☐

30. OTHER ☐

31. ALTERING CASINGS ☒

32. PLUG AND ABANDONMENT ☐

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

10-8-79

Titan Dresser-Atlas Gamma Ray CCL Log, Set cast iron bridge plug @ 3625' (above Seven Rivers), Dumped 10' cement on top of bridge plug. FBTD=3615'. Perforated 4" casing w/ one jet shot at 3387-90-95-98-3413-40-45-58-60-64-75-79-84-3525-32. Hole loaded w/ 2% KCL water and 110 gal. 15% acid spotted over pay zone prior to perforating. Acid treated formation w/ 1,000 gal. 15% acid. Broke @ 1100 PSI, dropped 20 ball sealers. Positive ball-action. Balled out. Max. press.=2000 PSI. Inj. rate=2.5 BPM. Instant S.I.=300 PSI, 3 Min.=vacuum. Swabbed 19 bbls water, Well dry, 36 bbls water under load. S.I. 14 hrs. Tbg. Press.=165 PSI. Bled well off, swabbed no fluid. Unseated pkr, swabbed 53 bbls water, well dry. 56 BWUL. Pulled tbg, Ran pkr & frac pipe, fraced formation w/ 40,000 gal. frac (Western). 20,000 gal. Titan 11-30 & 20,000 gal. CO2, & 100 mesh sand, 20-40, & 10-20 mesh sand. Max press.=2500, Avg.=2200, inj. rate=.8 BPM. Inst.S.I.=650, 5-min.=650, 10 min.=600, 15 min.=575. 2 hrs.=250. Blew well down in three hrs. Ran swab, no fluid. 660 BWUL. Pulled frac pipe & pkr. Ran 2" tbg, tagged sand fill @ 3595', hung tbg @ 3472 w/ bull-plugged perforation @ 3472'-3468'. Ran swab, No fluid. Closed well in. After 24 hr S.I. tbg press.=200 PSI, csg. press.=300 PSI. Tests to follow. Work completed 10-15-79.

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

TITLE Basin Oil Consultants, Inc. DATE 10-16-79

TITLE SUPERVISOR DISTRICT 1 DATE OCT 17 1979

SIGNATURE OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-79

3a. 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" IF FORM C-101 FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator

Sinclair Development Corporation

Address of Operator

Box 2192, Midland, Tx.

Location of Well

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM
THE East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name

Sun-H.S. Record

9. Well No.

1

10. Field and Pool, or Wildcat
South Eunice

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

3530 GL

12. County
Lea

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

PERFORM REMEDIAL WORK ☒

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

OTHER ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPERATIONS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

OTHER ☐

7. 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.

Present TD: 3914

4" Liner Cemented @ 3913

Queens Zone has been squeezed off. Plan is to set C.I. Bridge Plug above Seven Rivers (3625*) Cap plug with cement, perforate 4" csg to re-enter the Yates. Frac treat Yates with 40,000-50,000 Gal. Frac Treatment.

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

ISSUED

TITLE Basin Oil Consultants, Inc. 9-24-79

Orig. Signed by

Jerry Sexton

Dist 1. Supv.

APPROVED BY

TITLE

DATE SEP 24 1979

ADDITIONS OF APPROVAL, IF ANY:

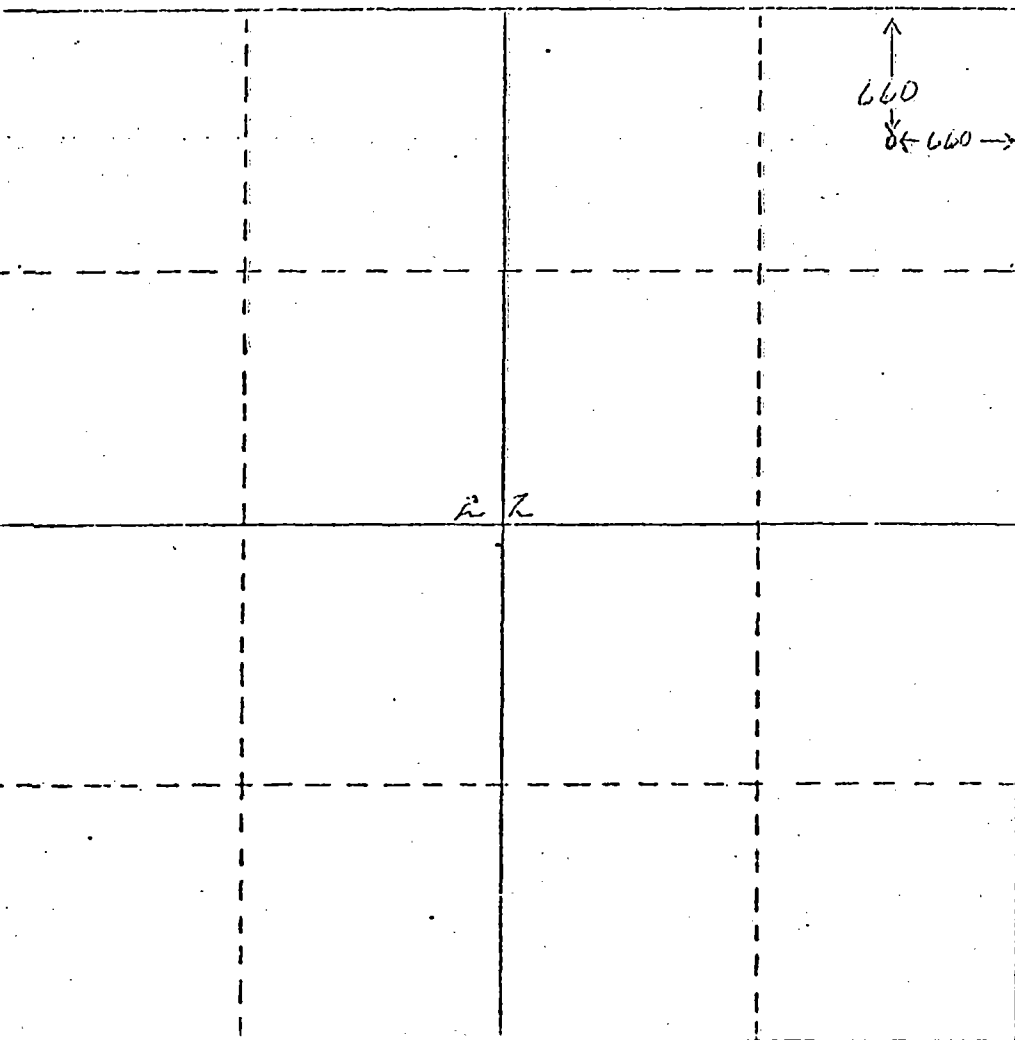
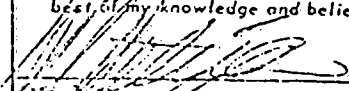
Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

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.

	<div style="text-align: center; font-weight: bold; margin-bottom: 10px;">CERTIFICATION</div> <p style="font-size: small;">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="text-align: center; margin-bottom: 10px;">  </div> <div style="text-align: center; margin-bottom: 10px;"> Basin Oil Consultants, Inc. </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Position</td> <td style="padding: 2px;">Sinclair Dev. Corp.</td> </tr> <tr> <td style="padding: 2px;">Company</td> <td style="padding: 2px;">9-24-79</td> </tr> <tr> <td style="padding: 2px;">Date</td> <td style="padding: 2px;"></td> </tr> </table> <p style="font-size: small; margin-top: 10px;">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.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="padding: 2px;">Date Surveyed</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Registered Professional Engineer and/or Land Surveyor</td> <td style="padding: 2px;"></td> </tr> </table>	Position	Sinclair Dev. Corp.	Company	9-24-79	Date		Date Surveyed		Registered Professional Engineer and/or Land Surveyor	
Position	Sinclair Dev. Corp.										
Company	9-24-79										
Date											
Date Surveyed											
Registered Professional Engineer and/or Land Surveyor											

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	
Operator	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Sinclair Development Corporation

Address

P.O. Box 2192, Midland, Tx. 79702

Reason(s) for filing (Check proper box)

New Well ☐
Recompletion ☐
Change in Ownership ☒Change in Transporter of:
Oil ☐
Casinghead Gas ☐Dry Gas ☒
Condensate ☐

Other (Please explain)

This report filed to change name
of Operator only.If change of ownership give name
and address of previous owner

C.H. Juni, 1500 Douglas, Midland, Tx. 79701

I. DESCRIPTION OF WELL AND LEASE

Lease Name H.S. Record Unit	Well No. 1	Pool Name, including Formation Jalmat -Yates	Kind of Lease State, Federal or Fee fee	Lease
Location Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line of Section 22 Township 22S Range 36E , NMPM, M Lea Cov				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> None- Well Standing	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"/> Not Connected	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks. No tanks at present	Unit Sec. Twp. Rge.	Is gas actually connected? No When

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Decom	Plug Back	Same Res'v.	Diff. F
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					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

CONSERVATION DIVISION

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

Form C-103
Revised 10-1-75

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 - 1" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER ☒

Name of Operator

C. H. Juni

Address of Operator

1500 Douglas, Midland, Texas 79701

Location of Well

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM

THE East LINE, SECTION 22 TOWNSHIP 22S RANGE 36E NMPM.

7. Unit Agreement Name

A

8. Farm or Lease Name

Sun Record

9. Well No.

1

10. Field and Pool, or Wildcat

So. Eunice Queen

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

12. County

Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☒

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

DRILL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

June 12, 1979 ReSpd OTD 3490 Drilled 4 3/4" hole to NTD 3914.
June 18, 1979 Ran 4" OD Flush Joint Liner to 3913 with top of liner hanger @ 3913
Cement w/250 sac of cement.
June 21, 1979 Perforate 4" line @ 3839, 3847, 3851, 3855 and 3861.
June 22, 1979 Ran RTTS pack on 2 3/8 tubing & treated with 1750 gals. acid, Swabbed dry, 46 bbls. acid lift in formation.
June 23, 1979 Fraced w/30,000 gals. & 60,000 # Sd, Swabbed & Flowed Load, Swabbed water (analysis showed water to be injection water).
June 27, 1979 Squeezed perforation 3839-3861 w/150 sac cement. Perforate 3679, 3705, 3717, 3727, 3732, 3753 & 3761.
June 28, 1979 Ran tubing w/RTTS. Acidized w/3000 gals. Swabbed dry. 38 Bbls. of fluid left in formation.
July 1, 1979 Temporarily Abandoned.

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

SIGNED

TITLE

DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Orig. Signed by
Jerry Sexton
Dist. 1. Supv.

Expires 9/24/80

SEP 24 1979

COUNTY	LEA	FIELD	Eunice, S.	STATE	NM
OPR	SINCLAIR DEVELOPMENT CORP.			API	MN 09000
NO	1	NAME	Sun Record	MAP	
	Sec 22, T22S, R36E			COORD	
	660 FNL, 660 FEL of Sec				2-3-22 NM
	6 mi SE/Eunice			REPID	6-12-79 RE MP 1-4-80

CSC 13 3/8-60-100 sx 9 5/8-1606-1000 sx 5 1/2-3201-800 sx 4-lnr-2982-3914-250 sx 2-3472	WELL CLASS: INIT DD FIN DG LSE CODE			
	FORMATION	DATUM	FORMATION	DATUM
	ID	3914 (QUEN)	PHD	3615

IP (Yates) Perfs 3387-3532 F 30 MCFGPD. Pot based on
24 hr test thru op chk. GOR (NR); gty (NR); CP Pkr; TP 78

P.L.C. El Paso Natural Gas

CONTR	X-Pert	OPRSTLY	3538 DF	PD	4000 RT
-------	--------	---------	---------	----	---------

10-15-79 F.R. 6-4-79 OWDD
(Queen)
(Orig. Sun Oil Co., 1 lls record unit, comp.
8-23-48 from (Yates) OH 3201-3490, OTD 3490)
TD 3914; SI
Deepened 3490-3914
Ran 4 lnr
Perf (Queen) @ 3839, 3847, 3851, 3855, 3861
Acid (3839-61) 1750 gals
Frac (3839-61) 30,000 gals + 60,000# sl
Swbd dn w/NS (3839-61)
Sqzd (3839-61) w/150 sx & DOC
Perf (Queen) @ 3679, 3705, 3717, 3727, 3732,
3753, 3761
Acid (3679-3761) 3000 gals
Swbd dn w/NS (3679-3761)
11-3-80 TD 3914; PBD 3615; Complete
PB to 3615
Perf (Yates) @ 3387, 3390, 3395, 3398, 3413,
2-3-22 NM

LEA
SINCLAIR DEVELOPMENT
CORP.

Madison, N.
1 Sun Acct.

EN
Page #2

11-3-80

Continued

3440, 3445, 3458, 3460, 3464, 3475, 3479,
3484, 3525, 3532

Acid (3387-3532) 1000 gals (15%)

Frac (3387-3532) 60,000 gals + 20,000 gals
CO₂ + sd

2-16-80

TEMPORARY COMPLETION ISSUED

11-8-80

RE-ISSUE OF SUSPENDED COMPLETION & TO AMEND
OPERATOR: Formerly reported as Juni, C. H.

2-3-22 NM

LC 30-025-70191-79

C.H. JUNE #1 SUR RECORD
LEA COUNTY, NEW MEXICO

DRILLING REPORT

June 9, 1979	Rig up X-Port Well Service unit. Pull rods, install B.O.P. and pull tubing. (126 3/4" rods and 102 joints tubing 3154' plus seating nipple, perforator nipple and 15' mud anchor.																				
June 10, 1979	Did not work.																				
June 11, 1979	Did not work.																				
June 12, 1979	Rig up X-Port reverse rig. Pick up 4 3/4" bit and 8- 3 1/8" drill collars. Cleaned out 7 7/8" hole from bottom of casing at 3200' to 3490'. Make approximately two feet of hole. Pull up in casing and shut down for night.																				
June 13, 1979	Reverse out four feet fill. Drill to 3508'. Pull tubing to change bit. Ran button bit. At 7:00 A.M. drilling at 3576'.																				
June 14, 1979	Drilling at 3576'.																				
June 15, 1979	Drilling at 3712'.																				
June 16, 1979	Drilling at 3774'.																				
June 17, 1979	Drilling at 3829'.																				
June 18, 1979	<table border="0"> <tbody> <tr> <td>T.D. 3914'.</td> <td></td> </tr> <tr> <td>Ran</td> <td>1.25'</td> </tr> <tr> <td></td> <td>16.00'</td> </tr> <tr> <td></td> <td>.03"</td> </tr> <tr> <td>33 jts.</td> <td>903.00'</td> </tr> <tr> <td></td> <td>10.00'</td> </tr> <tr> <td>Total</td> <td>931.18'</td> </tr> </tbody> </table> <table border="0"> <tbody> <tr> <td>Float shoe 6" O.D. 11.34# 3 rd.</td> </tr> <tr> <td>shoe joint 4" O.D. 11.34# 3 rd.</td> </tr> <tr> <td>landing collar 3 rd.</td> </tr> <tr> <td>4" O.D. 11.44# n/drill F. J.</td> </tr> <tr> <td>4" O.D. Baker HyFlo Hanger-Packer</td> </tr> </tbody> </table>		T.D. 3914'.		Ran	1.25'		16.00'		.03"	33 jts.	903.00'		10.00'	Total	931.18'	Float shoe 6" O.D. 11.34# 3 rd.	shoe joint 4" O.D. 11.34# 3 rd.	landing collar 3 rd.	4" O.D. 11.44# n/drill F. J.	4" O.D. Baker HyFlo Hanger-Packer
T.D. 3914'.																					
Ran	1.25'																				
	16.00'																				
	.03"																				
33 jts.	903.00'																				
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Float shoe 6" O.D. 11.34# 3 rd.																					
shoe joint 4" O.D. 11.34# 3 rd.																					
landing collar 3 rd.																					
4" O.D. 11.44# n/drill F. J.																					
4" O.D. Baker HyFlo Hanger-Packer																					

June 18, 1979
(contl.)

Set liner on hanger one foot off bottom at 3913' with top of liner hanger at 3942'. Landing collar and plugs at 3895'. Cemented with 250 sacks Class "C" with 5# salt per sack, 0.3 of 1% HLX 249 per sack, and 0.3 of 1% CFR-2 per sack. Reversed out approximately 80 sacks cement. Job completed approximately 5:30 P.M. 6-17-79 Pumped plug down with 250 gallons MSA and KCl water.

June 19, 1979

Waiting on cement.

June 20, 1979

Waiting on cement.

June 21, 1979

Rig up Perfo-Jet. Go in hole with wire line. Unable to get below top of liner. Run 4 3/4" bit and casing scrapper to top of liner. Run 3 5/16" bit to bottom at 3895'. Run cement bond log, run Gamma-Ray collar log, perforate one hole at 3839', 3841', 3847', 3851', 3855', 3861' - total six holes.

June 22, 1979

Ran RTTS packer on 2 3/8" tubing, treated perforations with 250 gallons MSA 10% and 1500 gallons MCA 15%. Formation broke at 2500#. Dropped 12 ball sealers. Balled out. Maximum pressure 2600#, average pressure 2500#, average rate 3 BPM, Acid 36 bbls. Flush 24 bbls. Total 60 bbls. Swabbed 14 bbls. water. Swabbed dry. 46 bbls. left in formation.

June 23, 1979

Rig up Halliburton to frac.
Pumped 2000 gallons pre pad with 3% Parasperse
3000 gallons pad and CO₂
2000 with 2# 20-40 sand
1600 gallons with 2# 20-40 sand
1700 gallons cut sand, start flush
1750 gallons flush.
Mechanical trouble.
Total 12,110 gallons.

Regrouped. Called for additional material for complete frac job.

Pumped 1000 gallons pad and CO₂,
2000 gallons with 2# 20-40 sand
1700 gallons with 2# 20-40 sand
3000 gallons with 4# 20-40 sand
3000 gallons with 5# 20-40 sand
4000 gallons with 5# 10-20 sand
1700 gallons with 5# 10-20 sand
1700 gallons flush
18100

June 23, 1979
(cont1.)

Pumping pressure	maximum	4450#
	minimum	2700#
Pumping rate	maximum	12 BPM
	minimum	11 BPM

TSIP	1230#		
5 min SIP	1160#	Average rate	11 BPM
10 min SIP	1100#	Average PSI	2900 #

Total fluid 417 bbls. plus 46 bbls. from previous acid job. Total 463.

Opened well at 4:35 P.M. Flowed 330 bbls. frac water in seven hours. Well died. Left to tank overnight.

June 24, 1979

Found fluid level at 500'. Swabbed from 7:30 A.M. to 3:00 P.M. Lowered fluid level to 2700'. Recovered 120 bbls. Total 450 of 463. Left overnight to tank.

June 25, 1979

Well flowed 18 bbls. overnight.

June 26, 1979

Well flowed one bbl. overnight. Swabbed 20 bbls. water in 2 hours. Pulled 3 1/2" tubing. Ran 2 3/8" tubing to 3860'. Swabbed an additional 45 bbls. to 6:00 P.M. Closed in overnight.

June 27, 1979

Well had approximately 20# pressure. Fluid level at 1000'. Swabbed 2 runs. Recovered 10 bbls. water. Chemical analysis indicated fluid to be water flood injection water. Pulled tubing. Ran EZ drill squeeze tool to 3800'. Squeeze perforations 3839' to 3861' with 100 sacks of Class "C" Bent and 50 sacks of Class "C" with 0.3 of 1% Haliad per sack. Maximum pressure 2500#. Rigged up Perfo-Jet and perforated 3679', 3705', 3717', 3727', 3732', 3753', and 3761'. Total seven holes.

June 28, 1979

Run tubing with RTTS. Spot one bbl. acid over perforations. Pick up tubing. Set packer at 3650'. Acidized with 3000 gallons MCA. Started pumping into formation at 1400#. Increased rate to 2.5 BPM. Dropped one ball sealer every 300 gallons. Balled out to 3800#. Released pressure and dropped balls off perforations. Finished job at 4 BPM.

TSIP	1000#
5 min SIP	800#
10 min SIP	750#
15 min SIP	700#

Total load 87 bbls. of fluid.

Swabbed 15 bbls. fluid. Well swabbed dry. Closed in overnight.

June 29, 1979

Well had approximately 20# tubing pressure. Fluid level 1000' from bottom. Swabbed 4 bbls. fluid. Swabbed dry. Waited total 2 hours. Unable to recover additional fluid. Release packer. Run 1' stands to swing tubing near bottom. Recovered 49 bbls packer fluid. Swabbed dry. Closed in overnight.

June 30, 1979

Well had a slight vacuum fluid level 300' from bottom. Swabbed 2 bbls. No shows of oil or gas. Pulled tubing to recover RTTS. Laid down rental tubing. Ran tubing and rods in well. Released all rental equipment and rig. Wait on orders.

July 1, 1979

Decision made to temporarily abandon test. Sun Oil Company has been approached to farmout 120 acres adjoining our 40 acre tract with the intent of forming a 160 acre Yates gas unit. State and Federal Energy Offices will be contacted to determine what must be done to qualify for maximum gas price.

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AND OFFICE	
PERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-14-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☐ DEEPEN ☒ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

J. H. Juni

Address of Operator

1900 Douglas, Midland, Texas 79701

Location of Well

UNIT LETTER **A** LOCATED **660** FEET FROM THE **North** LINE

660 FEET FROM THE **East** LINE OF SEC. **22** TWP. **22S** RGE. **36E**

7. List Acreage Here

8. Firm or Lease Name

Sun Record

9. Well No.

1

10. Field and Loc., or Well loc.

South Eunice

11. County
Lea

Elevations (Show whether D.F., R.T., etc.) 3330 GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor X-Part Well Service	22. Approx. Date Work will start June 11, 1979
--	---	--	--

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 3/4	13 3/8	484	30'	20	Circ
12 1/2	9 5/8	324	1595	1000	Circ
7 7/8	5 1/2	144	3201	800	1100'
Above casing now in hole.					
4 3/4	4"	104	3950	500	3000'

Present TD 3490'

Deepen to approximately 3950'. Run 4" Liner from 3000' to 3950'.
Perforate pay and run tubing. Rig up pump and put on production.
BOP will be adequate for area & depth.

OVER SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. ONE. 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.

by **J. H. Juni** Title **Operator** Date **May 23, 1979**

(This space for State Use)

SUPERVISOR DISTRICT 1

MAY 24 1979

APPROVED BY **[Signature]** TITLE **[Signature]** DATE **[Signature]**

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

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

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

Operator C. H. Juni			Lease Sun Record		Well No. 1
Unit Letter A	Section 22	Township 22 South	Range 36 East	County Lea	

Actual Footage Location of Well:

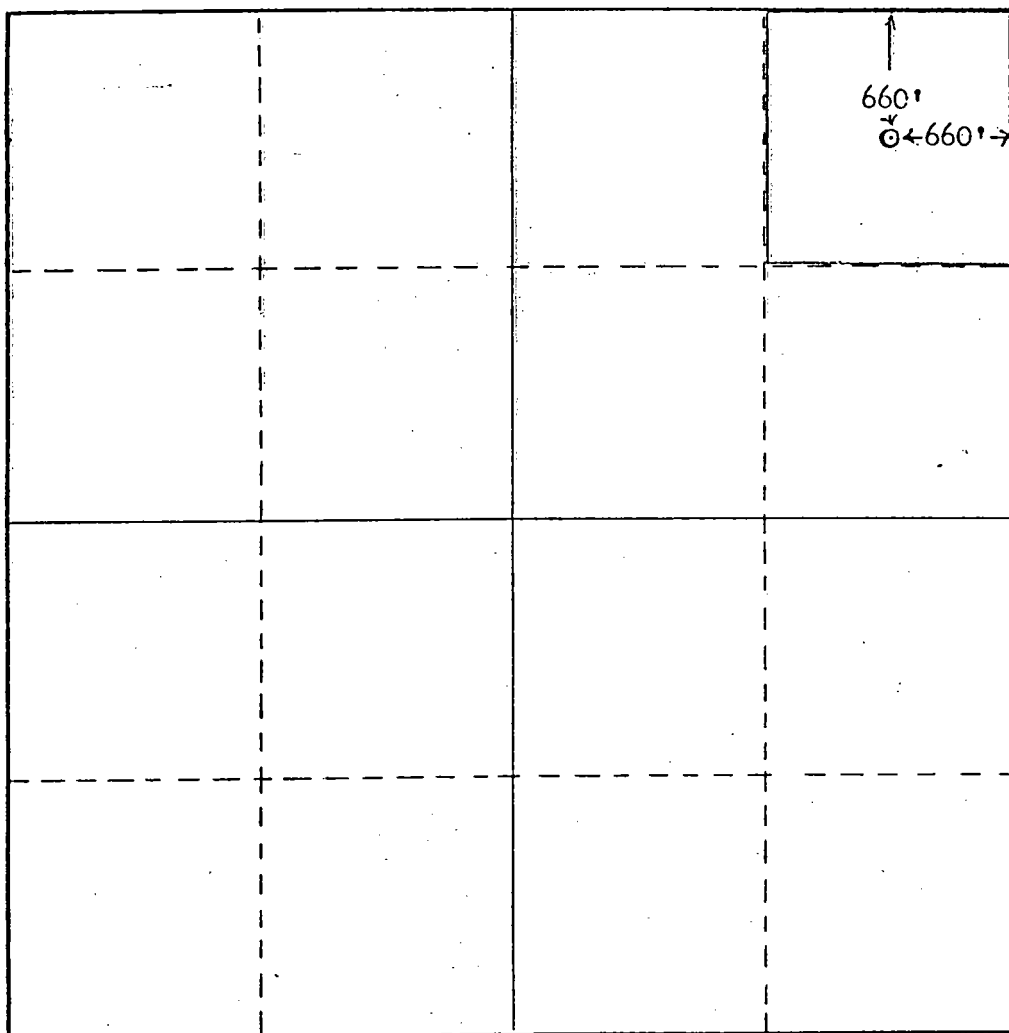
660	feet from the North	line and	660	feet from the East	line
Ground Level Elev. 3530	Producing Formation Queen		Pool South Eunice		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

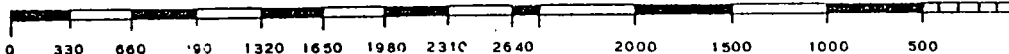
Name: C. H. Juni
 Position: Operator
 Company: C. H. Juni
 Date: May 23, 1979

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 _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____



OIL CONSERVATION DIVISION

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

Form C-104
Revised 10-1-70

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LAND OFFICE	
TRANSPORTER	
OPERATOR	
REGISTRATION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

C. H. Juni

Address

1500 Douglas, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input checked="" type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

Change lease name from H. S. Record Unit to Sun Record

If change of ownership give name and address of previous owner

Sun Oil Company, P. O. Box 2192, Midland, Texas 79701

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease to
Sun Record	1	South Eunice Queen	State, Federal or Free Fee	

Location

Unit Letter **A** : **660** Feet From The **North** Line and **660** Feet From The **East**

Line of Section **22** Township **22S** Range **36E** NMDM, **Lea** County

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:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rest.	Other
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.S.T.D.					
Elevations (DF, RKB, FT., GR., etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							

MINING, GEOL. AND GEOPHYSICAL RECORD

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ANTA FE		
LE		
S.G.S.		
AND OFFICE		
PERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator Sun Oil Company		
Address of Operator P. O. Box 1861, Midland, Texas 79701		
Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>22</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> NMPM.		

7. Unit Agreement Name
8. Farm or Lease Name H. S. Record Com.
9. Well No. 1
10. Field and Pool, or Wildcat Jalmat Yates
12. County Lea

15. Elevation (Show whether DF, RT, GR, etc.)
GR. 3530

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
INFORM 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"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Shut-in or TA Well Status Report.

7. 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:

REQUEST FOR ONE YEAR EXTENSION OR INITIAL REQUEST FOR TEMPORARY ABANDONMENT PERMIT.

NOTE: All wells submitted here-on are in compliance with Commission regulations concerning a proper condition of the well as to the prevention of damage to the producing zone, migration of hydrocarbons or water, the contamination of fresh water or other natural resources, or the leakage of any substance at the surface.

WELL STATUS:	TA
TEMPORARY ABANDONMENT DATE:	NA
REASON FOR TEMPORARY ABANDONMENT:	Low flow rate due to sand fillup & depletion
FUTURE PLANS FOR WELL:	Clean out well & return to production
APPROXIMATE DATE FOR WORKOVER OR P&A OPERATIONS:	April, 1977

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

SIGNED Charles H. Gray TITLE Proration Analyst DATE 6-10-76

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Expires 11-1-76

(2)

11/6

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

DESCRIPTION		
WELL		
DATE		
U.S.S.		
AND OFFICE		
LOCATION		

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-DRILL OR PLUG BACK TO A DIFFERENT RESERVOIR.
SEE "PARTICULARS FOR PROPOSAL" (FORM C-101) FOR SUCH PROPOSALS.)

WELL ☐ GAS WELL ☒ OTHER ☐

7. Unit Agreement Name

8. Name of Lessee

H. S. Recond ~~Unit~~ Com.

9. Well No.

1

10. Field and Pool, or Well Unit

Jalmat Yates

UNIT LETTER A 660 FEET FROM THE North LINE AND 660 FEET FROM
THE East LINE, SECTION 22 TOWNSHIP 22-S RANGE 36-E NMPM.

15. Elevation (Show whether DF, RT, CR, etc.)

3530' GR

12. County

Lea

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

FORM A REMEDIAL WORK ☐
PERMANENTLY ABANDON ☐
ON ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

Status of

Shut-in, TA, and Unreported Wells ☒ X

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.

1. WELL STATUS: Temporarily Abandoned

TEMPORARY ABANDONMENT DATE ETC: NA

REASON FOR TEMPORARY ABANDONMENT: Sanded-Up Well

FUTURE PLANS FOR WELL: Will be worked over & put back on production

APPROXIMATE DATE FOR WORKOVER OR PMA OPERATIONS: June 1975

TERMS: Expires 11/1/75

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

TITLE Production Analyst

DATE Oct. 30, 1974

Orig. Signed by

TITLE

DATE

BY

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S.G.S.	
AND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
H. S. Record Unit <i>Conn</i>	
8. Farm or Lease Name	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Jalmat Yates Gas	
12. County	
Lea	

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.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER-
Name of Operator		
Sun Oil Company		
Address of Operator		
Box 1861, Midland, Texas 79701		
Location of Well		
UNIT LETTER	A	660
	FEET FROM THE	South
	LINE AND	660
	FEET FROM	
THE	East	West
	LINE, SECTION	22
	TOWNSHIP	22S
	RANGE	36E
	NMPM.	

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

GR. 3530

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

NOTICE OF INTENTION TO:

REFORM REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
TEMPORARILY ABANDON	<input checked="" type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
WELL OR ALTER CASING	<input type="checkbox"/>	OTHER	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>	PLUG AND ABANDONMENT	<input type="checkbox"/>
CASING TEST AND CEMENT JOB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>

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.

The above well is currently TA. At this time plans are under way to return the well to production by method of cleaning sand from well bore & acid stimulation.

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

SIGNED Charles D. Gray TITLE Proration Clerk DATE 11-26-73

PROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

El Paso Natural Gas Company

El Paso, Texas 79978

November 13, 1973

ADDRESS REPLY TO
POST OFFICE BOX 1384
JAL. NEW MEXICO 88232

Oil Conservation Commission
State of New Mexico
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

This is to advise that on November 12, 1973 the Sun Oil Company's H.S. Record Unit #1, Jalmat gas well located in Unit A, of Section 22, Township 22, Range 36 Lea County, New Mexico was disconnected from El Paso Natural Gas Company's gathering system.

This disconnection was due to well being temporarily abandoned.

Yours truly,

PERMIAN DIVISION DISPATCHING DEPARTMENT

Travis R. Elliott
Travis R. Elliott
Gas Production Status Analyst

TRE:bl

cc: Mr. Elvis Utz, O.C.C., Santa Fe, New Mexico
Proration Department
H. O. Whitt
Gas Purchases
Sam Smith
H. P. Logan
T. J. Crutchfield
Measurement Department
Operator
R. H. Barnett
Earl Smith
Chub Fuller
R. T. Speer
R. L. Tabb
B. D. Ballard
File

COPIES RECEIVED
DISTRIBUTIONNEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOFORM C-110
(Rev. 7-60)CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Sun Oil Company				Lease H. S. Record		Well No. 1	
Unit Letter A	Section 22	Township 22	Range 36	County Lea			
Pool Jalmat				Kind of Lease (State, Fed, Fee) Fee			
If well produces oil or condensate give location of tanks			Unit Letter	Section	Township	Range	
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) 740 -			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/>			Date Connected	Address (give address to which approved copy of this form is to be sent) Hobbs, New Mexico			
El Paso Natural Gas Company							

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

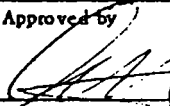
New Well	<input type="checkbox"/>	Change in Ownership	<input type="checkbox"/>
Change in Transporter (check one)		Other (explain below)	
Oil	<input type="checkbox"/>	Dry Gas	<input type="checkbox"/>
Casing head gas ..	<input type="checkbox"/>	Condensate ..	<input type="checkbox"/>

Initial Filing in compliance with letter dated November 1, 1963.

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the _____ day of _____, 19____.

OIL CONSERVATION COMMISSION		By	
Approved by 		Title	Records Supervisor
Title		Company	Sun Oil Company
Date		Address	P. O. Box 2880, Dallas, Texas

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

P. O. Box 2045
Hobbs

March 2, 1961

Sun Oil Co.
Box 2792
Odessa, Texas

Re: Record Unit #1-A
22-22-36
Jalmat Gas Pool

Gentlemen:

This office has been notified by the purchaser that subject well in the Jalmat Gas Pool was switched from Jal
High Pressure Gathering System to the Jal
Intermediate Gathering System on 2/24/61
Date

In accordance with Order No. R-1670 (insofar as it relates to the Jalmat Gas Pool,) Memorandum No. 6-58, and Memorandum No. 3-60, the Commission requests that a new Deliverability Test be conducted and results filed with the Hobbs office within forty-five (45) days of the above date of reconnection.

Failure to comply with this request shall result in cancellation of allowable.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey
Joe D. Ramey
Proration Manager

SE # 756

JDR:mg
Copies to
Mr. E. A. Utz, Gas Engineer - Santa Fe
Mr. E. F. Engbrecht, Engineer - Hobbs
Purchaser -

Memorandum

To: H. H. Shelton
From: Kenneth N. Gordon

Date: February 27, 1961
Place: Permian Division Office
Dispatching Department

SUN OIL COMPANY

Record Unit #1 (A-22-22-36)
(60-189)

At 12:00 Noon on February 24, 1961, the Sun Record Unit #1 was switched from the Jal High Pressure Gathering System to the Jal Intermediate Gathering System due to its inability to produce its minimum contract requirements.

Kenneth N. Gordon
Kenneth N. Gordon
Dispatching Department

KNG:imp

cc: E. A. Searce
W. C. Cheek
P. N. Woodruff
R. E. Pithian
W. W. Maxwell
V. M. Plummer
M. C. Robertson
J. T. Recer
T. Gaskin
R. T. Wright
N.M.O.C.C., Hobbs, New Mexico
N.M.O.C.C., Santa Fe, New Mexico
File

Fithian

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Jalmat Formation Yates County 2 Lea

Initial Annual Special X Date of Test 11/2/56

Company Sun Oil Company Lease Record Unit Well No. 1

Unit A Sec. 22 Twp. 22 S Rge. 36 E Purchaser EPNG

Casing 5 1/2 Wt. 14 I.D. 5.012 Set at 3201 Perf. To

Tubing 2 3/8 Wt. 4.7 I.D. 1.995 Set at 3476 Perf. To

Gas Pay: From 3325 To 3490 L 3476 xG .675 -GL 2346 Bar.Press. 13.2

Producing Thru: Casing Tubing X Type Well Single

Date of Completion: 6-2-48 Packer None Reservoir Temp.

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)

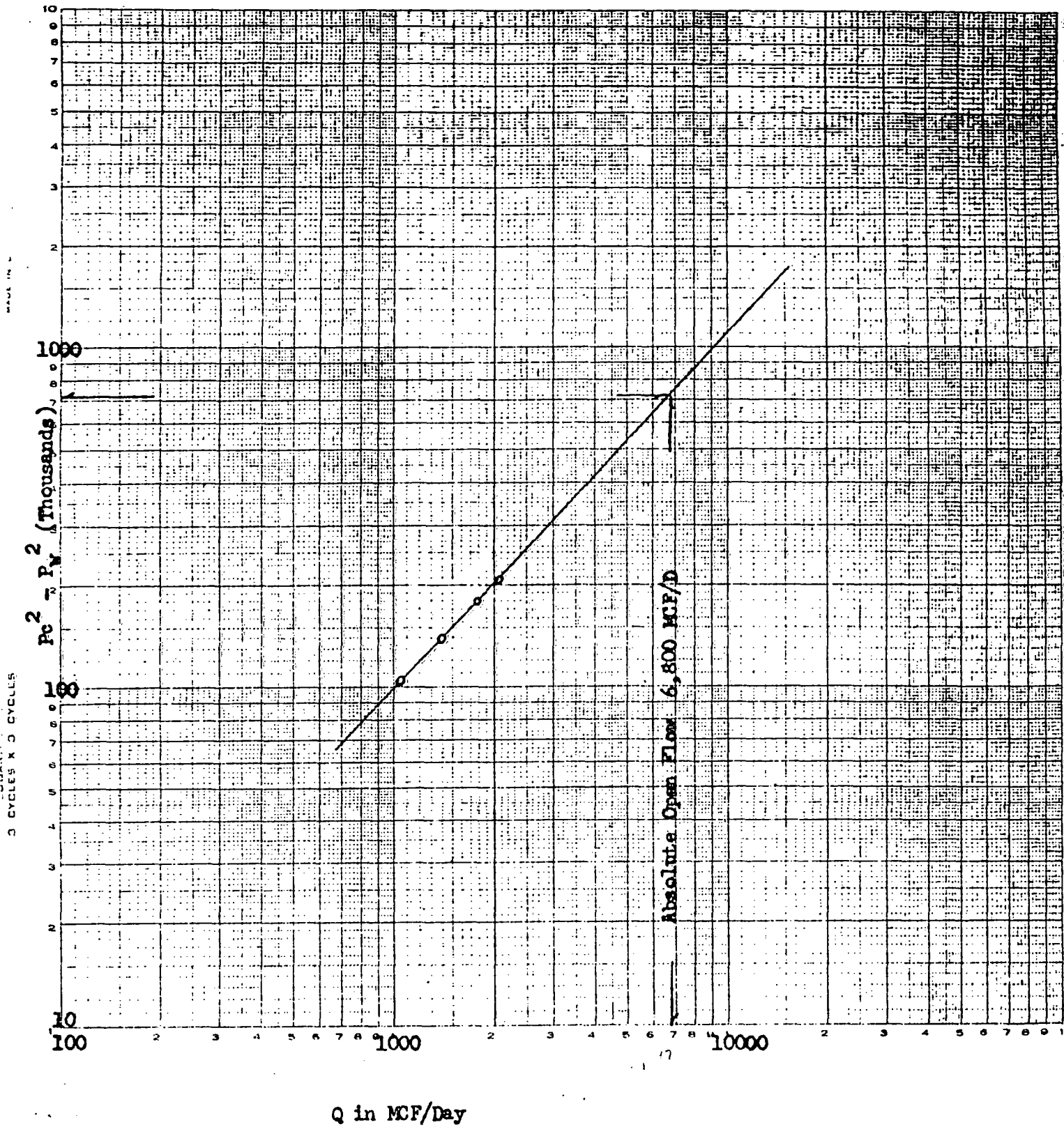
Type Taps Flange

No.	Flow Data			Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	
I						831	836	72
•	4"	1.250	761	14.44	66	763	774	24
•	4"	1.250	727	27.56	69	729	750	24
•	4"	1.250	681	49.00	70	685	723	24
•	4"	1.250	650	67.34	66	654	704	24

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15,025 psia
•	9.643	105.72		.943	.9427	1.067	1038
•	9.643	142.82		.915	.9427	1.062	1393
•	9.643						

SUN OIL COMPANY
Record Unit Well No.1



DUPLICATE
[]

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE December 3, 1953

TO: Sun Oil Company

Box 2792, Odessa, Texas

GENTLEMEN:

Form C-104 for your H.S. Recrod Unit 1 22-22-36 Langmat
LEASE WELL S.T.R. POOL

has been approved, however, since this well is:

- () An unorthodox location,
- () Located on an unorthodox proration unit,
- () Outside the boundaries of a designated pool,

it will be necessary for you to;

- () Comply with the provisions of Rule 4 of Commission Order _____
- () Comply with the provisions of Rule 7 of Commission Order _____
- () File Form C-123

Pending further Commission action this unit will be assigned an _____ acre
allowable.
Normal 160 Acre Unit

Stanley J. Stanley
A. L. Porter, Jr.
Proration Manager

ALP/pb

cc/ Transporter El Paso Natural Gas Co.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
(Form 10-1)
(Revised 7/2/52)

DEC 1 1953

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sun Oil Company Lease H. S. Record Unit

Address P. O. Box 2792, Odessa, Texas P. O. Box 2880, Dallas, Texas
(Local or Field Office) (Principal Place of Business)

Unit See attached Flat, Well(s) No. 1, Sec. 22, T. 22S, R. 36E, Pool Langmat Gas

County Lea Kind of Lease Patented

If Oil well Location of Tanks

Authorized Transporter El Paso Natural Gas Company Address of Transporter

10th Floor Bassett Tower, El Paso, Texas 1901 National Standard Bldg., Houston, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☐

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☒

REMARKS: In accordance with Rules and Regulations of the Oil Conservation Commission.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 16th day of November 19 53

Approved DEC 3 1953, 19

OIL CONSERVATION COMMISSION

By J. J. Stanley

Title Engineer District 1

By R. H. Anderson

Title Manager Natural Gas Department

**NEW MEXICO
OIL CONSERVATION COMMISS.**

Gas Well Plat

Date November 16, 1953

Sun Oil Company

H. S. Record

1

Operator

Lease

Well No.

Name of Producing Formation Yates Pool Langmat Gas

No. Acres Dedicated to the Well 160

SECTION 22 TOWNSHIP 22S RANGE 36E

<p>Sun Oil Co.</p> <p>● 1</p>		<p>Sun Oil Co.</p>	<p>✱ 1</p>
<p>● 1-A</p>		<p>160 Ac.</p>	
			<p>✱ 1</p>
	<p>● 2</p>		

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

Name B. E. Warren
 Position Manager Natural Gas Dept.
 Representing Sun Oil Company
 Address Dallas, Texas

(over)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

(Form C-104)
(Revised 7/1/52)

REQUEST FOR ~~RECOMPLETION~~ - (GAS) ALLOWABLE

DEC 1 1953
New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas Well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Dallas, Texas
(Place)

November 16, 1953
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

SUN OIL COMPANY - H. S. Record Unit, Well No. 1, in NE 1/4 NE 1/4,
(Company or Operator) (Lease)
(See Plat) //, Sec. 22, T. 22S, R. 36E, NMPM, Langmat Gas Pool
(Unit)
Lea County. Date Spudded 8/3/48, Date Completed 8/22/48

Please indicate location:

Elevation 3530 (Ground) Total Depth 3490', P.B. ---

Top oil/gas pay 3335' Top of Prod. Form 3335'

Casing Perforations: Open Hole 3201/3490 or

Depth to Casing shoe of Prod. String 3201

Natural Prod. Test ----- BOPD

based on ----- bbls. Oil in ----- Hrs. ----- Mins.

Test after acid or shot ----- BOPD

Based on ----- bbls. Oil in ----- Hrs. ----- Mins.

Gas Well Potential 9600 MCF

Size choke in inches -----

Date first oil run to tanks or gas to Transmission system: 10/26/48

Transporter taking Oil or Gas: El Paso Natural Gas Company

Casing and Cementing Record

Size	Feet	Sax
13-3/8	60'6"	50
9-5/8	159'4"	1000
5-1/2	319'4"	800

Remarks: -----

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

Approved November 16, 1953

SUN OIL COMPANY

(Company or Operator)

By: B. E. WARREN

(Signature)

Title: Manager, Natural Gas Department

Send Communications regarding well to:

Name: -----

Address: -----

OIL CONSERVATION COMMISSION

By: S. J. Stanley

Title: Engineer District 1 DEC 3 1953

TRIPPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
MAY 14 1951

OIL CONSERVATION COMMISSION
HOUSTON OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

5-1-51

Box 2880, Dallas, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sum Oil Company H.S. Record Unit # _____ Well No. 1 in the _____
Company or Operator Lease
NE Cor. E 1/2 of Sec. 22, T. 22S, R. 36E, N. M. P. M.,
South Dunce Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hr. shut in pressure was 1107 PSIG on 4-3-51. Calculated abs. open flow was 7008 MCF on 4-3-51. Note: These tests were made by El Paso Natural Gas Co. Engineers.

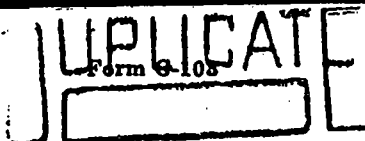
Witnessed by	Name	Company	Title
Subscribed and sworn before me this _____	I hereby swear or affirm that the information given above is true and correct.		
<u>4th</u> day of <u>May</u> 19 <u>51</u>	Name <u>[Signature]</u>	Position <u>Field Engineer</u>	
<u>Annie Mae Hill</u>	Representing <u>Sum Oil Company</u>	Company or Operator	
<u>Ector Co., Texas</u> Notary Public	Address <u>Box 2792, Odessa, Texas</u>		
My commission expires <u>June 1, 1951</u>	Remarks: _____		

cc: NMCCC, RLI, Gas Dept., **APPROVED**

Date MAY 14 1951

[Signature]
Oil & Gas Inspector

Title



OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

MAY - 7 1951

OIL CONSERVATION COMMISSION

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

5-4-51

Box 2880, Dallas, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sun Oil Company

H.S. Record Unit

Well No. 1 in the

Company or Operator

Lease

NE Cor. E 2

of Sec. 22

T.

22S

R.

36E

N. M. P. M.,

South Emica

Field,

Lea

County.

The dates of this work were as follows: _____

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19 _____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hr. shut in pressure was 1107 PSIG on 4-3-51. Calculated abs. open flow was

7008 MCF on 4-3-51. Note: These tests were made by El Paso Natural Gas Co. Engineers.

Witnessed by	Name	Company	Title
--------------	------	---------	-------

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

4th day of May 19 51

Name _____

Ector Co., Texas Notary Public

Position Field Engineer

Representing Sun Oil Company
Company or Operator

My commission expires June 1, 1951

Address Box 2792, Odessa, Texas

Remarks:

cc: NMOC, RLI, Gas Dept., JEH

APPROVED
MAY - 7 1951

Date _____

W. C. Yarbrough
Oil & Gas Inspector
Title

Form C-103
DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED
 SEP 21 1950
 OIL CONSERVATION COMMISSION
 HOBBBS-OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

9-12-50

Box 2880, Dallas, Texas

Date

Place

OIL CONSERVATION COMMISSION,
 SANTA FE, NEW MEXICO.
 Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the.....

Sun Oil Company

H. S. Record Unit

Well No. **1**

In the

Company or Operator

Lease

NE Cor. E 1/2

of Sec. **22**

T. **22 S**

R. **36 E**

N. M. P. M.,

South Eunice

Field **Lea**

County.

The dates of this work were as follows:.....

Notice of intention to do the work was (was not) submitted on Form C-102 on..... 19.....

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hr. shut in was 1153 # abs. on 8-28-50

Calculated abs. open flow was 7400 MCF on 8-28-50

Note: These tests were made by El Paso Ntl. Gas Co. Engineers

Witnessed by.....
 Name Company Title

Subscribed and sworn before me this.....

I hereby swear or affirm that the information given above is true and correct.

12th day of **September**, 19 **50**

Name

Laura Lee

Laura Lee

Position **District Engineer**

Notary Public

Representing **Sun Oil Company**
 Company of Operator

My commission expires..... **6-1-51**

Address **Box 1861, Midland, Texas**

Remarks:

SEP 23 1950

Ray Garbrough
 Name
 Oil & Gas Inspector
 Title

DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

MAY - 2 1950

HOBBES OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Gas Well Report	X

4-27-50

Box 2880, Dallas 1, Texas

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Sun Oil Company

H. S. Record Unit #1

Well No. 1 in the

Company or Operator

Lease

NE/Cor., N/2

of Sec. 22

T. 22 S

R. 36 E

N. M. P. M.

South Eunice

Field

Lea

County.

The dates of this work were as follows:

Notice of intention to do the work was (was not) submitted on Form C-102 on 19

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hour shut-in T.P. was 1139# gauge on 4-10-50.

Calculated absolute open flow was 11,750 M.C.F. on 3-29-50.

NOTE:

These tests were made by El Paso Natural Gas Company engineers.

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

27th day of April, 1950

Name CSR. W. W. W.

Laura Seely
Notary Public

LAURA SEELY

Position District Engineer

Representing Sun Oil Company
Company or Operator

My commission expires 6-1-51

Address Box 1861, Midland, Texas

Remarks:

APPROVED

Date _____

Roy Gedraugh
Name _____
Title _____

Title

RECEIVED
AUG 31 1948
HOBBS OFFICE

N

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). **SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.**

SUN OIL COMPANY

Box 2880, Dallas 1, Texas.

.....
Company or Operator

Address

H. S. Record Unit Well No. 1 in NE/4 of Sec. 22, T. 22S

LEADS

R. 36E N. M. P. M. S. Kunice Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of NE/4 of Sec. 22

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is H. S. Record, Address Monument, New Mexico

If Government land the permittee is....., Address.....

The Lessee is Sun Oil Company Address Box 2880, Dallas, Texas

Drilling commenced 8/3/ 19 48 Drilling was completed 8/15/48 19 48

Name of drilling contractor Noble Drilling Company Address 209 Stanford Bldg., Tulsa 3, Oklahoma.

Elevation above sea level at top of casing.....3530.....feet.

The information given is to be kept confidential until:.....19.....

OIL SANDS OR ZONES

No. 1, from 3205 to 3265 No. 4, from _____ to _____

No. 2, from 3265 to 3490 No. 5, from _____ to _____

No. 3, 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 100 to 135 feet.

No. 2, from _____ to _____ feet. _____

No. 3, from.....to.....feet.

No. 4, from..... to..... feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT (in hole)	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	48	8-R	J&L H-40	60.50	Larkin Tex Pattern				Conductor Casg
9-5/8"	32.30	8-R	Natl H-40	1594.05	Baker Guide Shoe & FC				Surf casg
5-1/2"	14	8-R	Pitts H-40	3194.31	Larkin Guide Shoe & FC	(open hole)			Oil string
			Natl	2151.30	1 inch anchor it				Well tubs

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET (Seat)	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13-3/8"	59.45	50	Halliburton	Wt. 9.1-Visc 30	-
12 1/2"	9-5/8"	1605.95	1000	"	Wt. 9.9-Visc 32	-
7-7/8"	5 1/2"	3200.51	800	"	Wt. 11 - Visc 38	-

PLUGS AND ADAPTERS

Heaving plug—Material..... Length..... Depth Set.....
 Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		N O N E				

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from Surface feet to 3490 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 8/22/48, 19.....
 The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be.....
 If gas well, cu. ft. per 24 hours. 2" chk - 3,060,000 MCF
1" chk - 1,475,000 MCF gallons gasoline per 1,000 cu. ft. of gas.....
 Rock pressure, lbs. per sq. in. BHP 1275#.

EMPLOYEES

J. J. Stewart Driller W. L. Garrett Driller
Doyle R. Roberts Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 3/5

day of August, 1948

Annie Mae Thie

ANNIE MAE THIE

Notary Public

My Commission expires June 1, 1949

Odessa, Tex 8/31/48
 Place Date

Name W. D. Albright

Position Supt.

Representing Sun Oil Company
 Company or Operator

Address Box 2792, Odessa, Tex

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	41	41	Cal & sd
41	70	29	Cal & sd
70	127	57	Red bed
127	530	403	Red bed & sh
530	890	360	Shells, sh & red bed
890	1124	234	Red bed & sh
1124	1159	35	Red bed & sh
1159	1285	126	Red bed
1285	1408	123	Red bed & anhy
1408	1579	171	Red bed, gyp & anhy
1579	1610	31	Anhy
1610	1929	319	Anhy
1929	2060	131	Anhy
2060	2417	357	Anhy & salt
2417	2569	152	Anhy & salt
2569	2765	196	Anhy & salt
2765	2885	120	Anhy
2885	2973	88	Salt
2973	3049	76	Anhy & salt
3049	3129	80	Anhy
3129	3187	58	Anhy & lime
3187	3490	303	Lime - TD

PLICATE

DRILL STEM TESTS:

DST #1 - 3205/3265, 5/8"xl" ohks, 45 mins., gas to surface in 6 mins., slight blow of air, REC: 30' mud, BHPO 0#, BHPC 0#, MW 1800#.

DST #2 - 3265/3490, 5/8"xl" ohks, 45 mins., gas to surface in 4 mins., mud to surface in 7 mins., tool closed 15 mins. for build up, REC: 100' gas cut drlg fluid, BHPO 975/850#, BHPC 1275#, MW 2000#.

STRAIGHT-HOLE TESTS:

<u>NO. DEGREES OFF VERTICAL:</u>		<u>DEPTH:</u>
1	-	300'
1/2	-	700'
1/2	-	1000'
3/4	-	1250'
1/4	-	1570'
0	-	1700'
3/4	-	1950'
3/4	-	2010'
1	-	2200'
3/4	-	2350'
2 1/4	-	2550'
2 1/4	-	2710'
2 1/4	-	2775'
2	-	2885'
2	-	2950'
2	-	3075'
2	-	3160'
1-3/4	-	3260'
1-3/4	-	3375'
1-3/4	-	3475'

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

AUG 23 1948

RECEIVED
HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

8/20/48

Date

Odessa, Texas

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sun Oil Co.

Company or Operator

H.S. Record Unit

Lease

Well No. 1

in the

NE 1/4 of NE 1/4

of Sec. 22

T. 22S

R. 36M

N. M. P. M.,

S. Emme

Field, Lea

County.

The dates of this work were as follows: 8/19/48

Notice of intention to do the work was (was not) submitted on Form C-102 on 8/17 19 48

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Tested 3200' of 5 1/2" OD 1 1/4 H-40 casing 1000' thirty minutes O.K.

Witnessed by E.L. Kowalar

Name

Sun Oil Co.

Company

Foreman

Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

20th day of August, 1948

Name

N.J. Keith

Position

Foreman

MARIE LIVINGSTON

Notary Public

Representing

Sun Oil Co.

Company or Operator

My commission expires

June, 1949

Address

Box 2792, Odessa, Tex.

Remarks:

APPROVED

Date AUG 23 1948

OIL & GAS INSPECTOR

Name

Title

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

 REFILED
 AUG 27 1948
 RECEIVED
 HOUSTON, TEXAS

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified on to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Odessa, Tex.

8/17/48

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____
Sun Oil Co. H. S. Record Unit Well No. 1 in ne/4 of ne/4
 Company or Operator Lease
 of Sec. 22, T. 22S, R. 36E, N. M. P. M., S. Eunice Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION
 Cemented 3200' of 5 1/2" OD 14# H-40 casing in lime formation w/800 sacks of
 common cement-job completed 12:40 PM 8/16/48-will test for shutoff
 12:40 PM 8/18/48-centralizers @ 3121-3181.

SUN OIL COMPANY

Written Foreman
 Send communications regarding well to

Name Sun Oil Co.Address Box 2792, Odessa, Tex.

OIL CONSERVATION COMMISSION

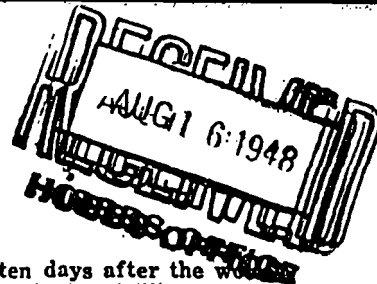
By Ray G. [Signature]
 Title Oil Conservation Inspector

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS
 REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL
 REPORT ON RESULT OF TEST OF CASING SHUT-OFF
 REPORT ON RESULT OF PLUGGING OF WELL

X

REPORT ON REPAIRING WELL

REPORT ON PULLING OR OTHERWISE ALTERING CASING

REPORT ON DEEPENING WELL

8-9-48

H.S. Record Unit #1

Date

Place

OIL CONSERVATION COMMISSION,
 SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Sun Oil

H. S. Record Unit

Well No. 1

in the

Company or Operator

Lease

NE 1/4 of NE 1/4

of Sec. 22

T. 22S

R. 36E

N. M. P. M.,

South Eunice

Field,

Lea

County.

The dates of this work were as follows:

8/9/48

Notice of intention to do the work was ~~(insert)~~ submitted on Form C-102 on 8-7-48 19

and approval of the proposed plan was ~~(insert)~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Tested 9 5/8" OD 32.30 8R Thd Surface casing, seat 1606', 1000# thirty minutes, tested o.k. Cemented with 1000 Sacks instead of 100 sacks as reported on Form C-102. Cement circulated.

Witnessed by E. L. Komsalar
 Name

Sun Oil Company
 Company

Foreman
 Title

Subscribed and sworn before me this 9th

day of August, 1948

I hereby swear or affirm that the information given above is true and correct

Name N.J. Keith

Position Foreman

Representing

Sun Oil

Company or Operator

Address Box 2792, Odessa, Texas

ANNIE MAE HILL

My commission expires June 1, 1949

Remarks:

APPROVED

Date

AUG 16 1948

Ray Garbrough
 Name
 OIL & GAS INSPECTOR
 Title

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or its agent, of the plan submitted. The plan approved should be followed, and work should not begin until approval is obtained. See additional instructions in the rules and regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

H. S. Record Unit #1

8/7/48

OIL CONSERVATION COMMISSION,

Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Sun Oil Company

H. S. Record Unit

Well No. 1

in NE/4 of NE/4

Company or Operator

Lease

of Sec. 22

T. 22S

R. 36E

N. M. P. M.

South Eunice

Field,

Lea

County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran & cemented 1594' of 9 5/8" H-40 32.30# 8R Thd Casing w/100 sacks common cement, job completed 11:45 p.m. 8/6/48. Will start nippleing up 11:45 a.m. 8/8/48 and test to minimum of 1000# 11:45 p.m. 8/8/48

Approved

AUG 10 1948

19

except as follows:

Sun Oil Company

Company or Operator

By N. J. Keith

Position Foreman

Send communications regarding well to

Name Sun Oil Company

Address Box 2800 2792

Odessa, Texas

OIL CONSERVATION COMMISSION,

By

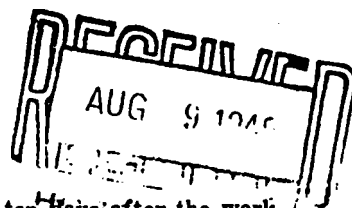
Title

OIL & GAS INSPECTOR

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

August 4, 1948

Odessa, Texas

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____
Sun Oil Company H.S. Record Unit Well No. 1 in the _____
 Company or Operator Lease
NE/4 of NE/4 of Sec. 22, T. 22 S, R. 36E, N. M. P. M.,
South Eunice Field, Lea County.

The dates of this work were as follows: August 3, 1948

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Above well spudded 8/3/48; ground elevation 3530' - est. DF elevation 3539' - est.
 RDB elevation 3540' - set 59' of 13 3/8" OD conductor pipe 8/3/48

Witnessed by E. L. Kowmalar Sun Oil foreman
 Name Company Title
 Subscribed and sworn before me this _____
4th day of August, 19 48
Annie Mae Hite
Ector County, Texas Notary Public
 ANNIE MAE HITE
 My commission expires June 1, 1949
 I hereby swear or affirm that the information given above is true and correct.
 Name N. J. Keith
 Position Foreman
 Representing Sun Oil Company
 Company or Operator
 Address Box 2792, Odessa, Texas

Remarks:

APPROVED

Date Aug 9 1948

Roy Gankrogh
 Name
 OIL & GAS INSPECTOR
 Title

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

JUL 28 1948

HOBBS OFFICE

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Dallas, Texas

July 23, 1948

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as _____

Sun Oil Company

H. S. Record Unit

Well No. 1 in NE/4

Company or Operator Lease
of Sec. 22 T. 22S R. 36E N. M. P. M. South Eunice Field, Lea County.

The well is 660 feet ~~XXX~~ [S.] of the North line and 660 feet

[W.] of the East line of NE/4 of Sec. 22

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is H. S. Record

Address Monument, New Mexico.

If government land the permittee is _____

Address _____

The lessee is _____

Address _____

AREA 640 ACRES
LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows: _____

Rotary from top to bottom

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: \$10,000. Blanket Bond filed with State Land Office

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
17-1/4	13-3/8	65#	New	30	Cemented	20
12-1/4	9-5/8	36#	New	1600	Cemented	900
8-3/4	5-1/2	14#	New	3200	Cemented	800

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 3700 feet.

Additional information:

Approved
except as follows:

JUL 31 1948

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Sincerely yours,

SUN OIL COMPANY

Company or Operator

By

Position Superintendent

Send communication regarding well to

Name Mr. J. A. Ritter

Address c/o Sun Oil Company, Dallas, Texas.

OIL CONSERVATION COMMISSION,

By

Title

N. M. Sweeney
Engineer