

## OIL CONSERVATION DIVISION

P. O. Box 2088

SANTA FE, NEW MEXICO

87501

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

ADMINISTRATIVE ORDER

NFL 128INFILL DRILLING FINDINGS 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

I.

Operator DOYLE HARTMAN Well Name and No. J.F. JANDA (NCT-J) WELL NO. 5  
Location: Unit I Sec. 4 Twp. 23 SOUTH Rng. 36 EAST Cty. LEA

II.

## THE DIVISION FINDS:

(1) That 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) That by 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) That 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) That a 160-acre proration unit comprising the SE/4 of Sec. 4, Twp. 23 SOUTH, Rng. 36 EAST, is currently dedicated to the APPLICANT'S J.F. JANDA (NCT-F) WELL NO. 1 located in Unit I of said section.

(5) That this proration unit is ( ) standard (X) nonstandard; if nonstandard, said unit was previously approved by Order No. NSP - 605.

(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

(7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 259,750 MCF of gas from the proration unit which would not otherwise be recovered.

(8) That all the requirements of Order No. R-6013 have been complied with, and that 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) That 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.

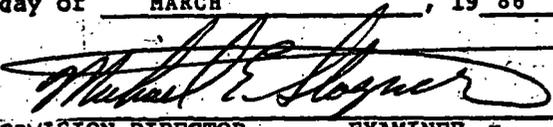
## IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. 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) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this 13 day of MARCH, 19 86.

Remarks: The subject well is presently classified as an oil well pursuant to the Special Jalmat Pool Rules and has dedicated thereon 40-acres comprising the NE/4 SE/4 (Unit I) of said Section 4.

  
DIVISION DIRECTOR EXAMINER X

Received: 1/10/85  
Release: 3/13/86

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

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

ADMINISTRATIVE ORDER  
NFL 128

INFILL DRILLING FINDINGS 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

I.  
Operator Doyle Hardman Well Name and No. J.F. Janda (NLT-5) Well No. 5  
Location: Unit I Sec. 4 Twp. 23 South Rng. 36 East Cty. Lea

II.  
THE DIVISION FINDS:

- (1) That 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) That by 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) That the well for which a finding is sought is to be completed in the Jalmar Pool, and the standard spacing unit in said pool is 640 acres.
- (4) That a 160-acre proration unit comprising the SE 1/4 of Sec. 4, Twp. 23 South, Rng. 36 East, is currently dedicated to the applicant's J.F. Janda (NLT-5) Well No. 1 located in Unit I of said section.
- (5) That this proration unit is ( ) standard (  ) nonstandard; if nonstandard, said unit was previously approved by Order No. NSP-605.
- (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
- (7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 259,750 MCF of gas from the proration unit which would not otherwise be recovered.
- (8) That all the requirements of Order No. R-6013 have been complied with, and that 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) That 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:

- (1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. 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) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this 13 day of March, 19 86.

Remarks: <sup>subject well</sup> The ~~subject~~ well is presently classified as an oil well and has dedicated thereon 40-acres comprising the NE 1/4 SE 1/4 (Unit I) of said Section 4.

DIVISION DIRECTOR \_\_\_\_\_ EXAMINER ✓

**DOYLE HARTMAN**

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

January 7, 1985

**JAN 10 1985**

RECEIVED

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Michael Stogner

Re: Administrative Procedure  
Infill Finding  
J. F. Janda (NCT-J) No. 5  
1650 FSL & 330 FEL (I)  
Section 4, T-23-S, R-36-E  
Lea County, New Mexico

Gentlemen:

Pursuant to Section 271.305 of the Final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978, and to Order R-6013-A of the New Mexico Oil Conservation Division, we hereby request an infill finding (NFL) for the above captioned J. F. Janda (NCT-J) No. 5 located 1650 FSL & 330 FEL (I), Section 4, T-23-S, R-36-E, Lea County, New Mexico.

The J. F. Janda (NCT-J) No. 5 was drilled on a non-existent 40-acre Jalmat (Oil) proration unit consisting of NE/4 SE/4 Section 4, T-23-S, R-36-E, Lea County, New Mexico. However, a portion of the producing interval in a second well on the 40 acres, the J. F. Janda (NCT-J) No. 1 (which was a Jalmat (Gas) well) corresponds to a portion of the producing interval in the J. F. Janda (NCT-J) No. 5. Because of the overlap in producing intervals, this infill filing is being made for the J. F. Janda (NCT-J) No. 5.

With regard to our request, and in accordance with Order R-6013-A, we submit the following:

- Rule 5 A copy of approved Form C-101 for the infill well and Form C-102 showing the proration unit dedicated to the well are enclosed.
- Rule 6 The name of the pool in which the infill well has been drilled is Jalmat (Oil) Pool, and the standard spacing unit therefor is 40 acres.
- Rule 7 The surface drilling for the J. F. Janda (NCT-J) No. 5 was approved August 29, 1984.

Rule 8 Table 1 attached to William P. Aycock's letter dated January 4, 1985 shows the following:

- a. Lease name and well location;
- b. Spud date;
- c. completion date;
- d. a description of any mechanical problems experienced along with a summary of remedial action(s) taken and the results obtained;
- e. the current rate of production;
- f. date of plug and abandonment, if any, and;
- g. 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.

Rule 9 Letter dated January 4, 1985 from William P. Aycock submits geological and engineering information sufficient to support a finding as to the necessity for an infill well including:

- a. formation structure map;
- b. the volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined;
- c. any other supporting data which the applicant deems to be relevant which may include:
  1. porosity and permeability factors
  2. Production/pressure decline curve
  3. effects of secondary recovery or pressure maintenance operations
  4. C-104 and C-105 (including Inclination Report)
  5. Scout Ticket and Well Log Summary for Doyle Hartman's J. F. Janda (NCT-J) No. 5 and previously existing J. F. Janda (NCT-J No. 1)

Rule 10 This application for infill finding is being filed in duplicate with the Santa Fe office of the Oil Conservation Division.

Rule 11 All operators of proration or spacing units offsetting the unit for which this infill finding is sought have been notified of this application by certified or registered mail.

New Mexico Oil Conservation Division  
January 7, 1985  
Page 3

We respectfully request that the Commission grant our request for an  
infill finding pursuant to Order R-6013-A.

Very truly yours,

DOYLE HARTMAN

*Michelle Hembree*

Michelle Hembree  
Administrative Assistant

/mh

Enclosures as above

WILLIAM P. AYCOCK & ASSOCIATES, INC.

Petroleum Engineering Consultants

1207 West Wall  
MIDLAND, TEXAS 79701

PHONE 915/683-5721

January 4, 1985

New Mexico Department of Energy  
and Minerals, Oil Conservation  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. Mike Stogner

Subject: Administrative Application for Infill  
Well Findings for Doyle Hartman  
J. F. Janda NCT-J No. 5,  
Section 4, Township 23 South,  
Range 36 East, 1650' FSL & 330' FEL  
Jalmat (Oil) Pool, Lea County, New Mexico

Gentlemen:

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

- Rule 5: Attached are copies of 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, and the standard spacing therefor is 40 acres.
- Rule 7: The Hartman J. F. Janda NCG-J No. 5 was drilled on a standard 40-acre proration unit, the Jalmat (Oil) development of which was formerly J. F. Janda NCT-J No. 1. This well was temporarily abandoned in the Jalmat Pool in November 1983, and it is scheduled to be recompleted in the Langlie-Mattix Pool by Gulf Oil Exploration and Production Co. The Form C-101 was approved by the District 1 Director on August 29, 1984.
- Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for requirements of Sections "a." through "f.". Also required by Section "g." is "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 (Oil) Pool to which the present 40-acre proration unit was assigned was the Gulf Oil Exploration and Production Co. W. F. Janda NCT-J No. 1; this well has been shut in and temporarily abandoned in the Jalmat Pool since November 1, 1983, with an accumulative production of 29,242 barrels and 1322.444 MMCF as of November 1, 1983.

Therefore, the reason that the pre-existing Gulf Oil Exploration and Production Co. J. F. Janda NCT-J No. 1 cannot efficiently and effectively drain the portion of the reservoir covered by the production unit is because it has been inactive in the Jalmat Pool since November 1, 1983.

Since no further depletion of the remaining Jalmat Pool reserves has occurred from the pre-existing Gulf Oil Exploration and Production Co. J. F. Janda NCT-J No. 1, and since this well is scheduled for recompletion in the Langlie-Mattix Pool, any remaining Jalmat Pool recoverable reserves remaining beneath the 40-acre proration unit NE/4, NW/4 Section 4, Township 23 South, Range 36 East could not and cannot be recovered by it.

Rule 9:

Sec. a. Requires that a formation structure map be submitted; attached is a Yates formation structure map for the area including and surrounding the Doyle Hartman J. F. Janda NCT-J No. 5.

Sec. b. Requires that the "volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined" be submitted. The estimated ultimate gas recovery for the Doyle Hartman J. F. Janda NCT-J No. 5 is 259,750 MCF; therefore, the most probable value of the increased ultimate recovery is 259,750 MCF. The estimate of increased recovery for the Doyle Hartman J. F. Janda NCT-J No. 5 was accomplished as follows:

A. Volumetric Estimate (neglecting reservoir oil saturation):

1. Well logs for the Doyle Hartman Janda NCT-J No. 5 were analyzed, with the following summarized results:

Mean Porosity, Fcn of Bulk Volume	0.15
Mean Connate Water Saturation, Fraction of Net Effective Pore Volume	0.38
Net Effective Pay Thickness, feet	64.

Since the gross pay thickness constituting potential gas reservoir for the Hartman J. F. Janda NCT-J No. 5 is 195 feet, the above represents a ratio of net effective pay thickness to gross pay thickness of 33 percent.

2. The December 29, 1984, production test (conducted after hydraulic fracture treatment of December 18, 1984) for the Hartman J. F. Janda NCT-J No. 5 was reported as follows:



Rate, MCF/day 443  
 Choke Size 32/64 inch  
 Pumping Casing Pressure, psia 79.2

This production test was analyzed in conjunction with a calculated closed-in wellhead pressure of 442.8 psia (which was derived from a measured subsurface pressure of 479.6 psia at a mid-point of net effective pay depth of 3369.5 feet on pressure buildup test of December 4 to 5, 1984) with the following results:

Stabilized Deliverability Coefficient,  $2.334 \times 10^{-3}$   
 MCF/day per psia<sup>2</sup>  
 Initial Gas Formation Volume Factor, 32.2  
 scf/rcf

- The results of Steps 1. and 2. were then combined with the following results:

Original Gas-in-Place

MMCF/Acre 8.19  
 MMCF/40 Acres 327.4

Estimated Gas Recovery Factor,  
 Fraction of Original Gas-in-Place 0.8094

Estimated Ultimate Recovery,  
 MMCF per 40 acres 265.0

B. Oil Production Performance:

- Well test of December 24 through 26, 1984, were conducted as follows:

Date	Daily Production Rate		Mean GOR, scf/Bbl.
	Oil B/D	Gas MCF/D	
December 24 & 25	62.1	290	4670
December 26	51.8	95	1834

- These results represented unsteady-state performance and were analyzed assuming harmonic oil decline resulting in an estimated ultimate oil recovery of 5628 barrels.

3. The estimated ultimate oil recovery of 5628 barrels was combined with an estimated mean gas-oil ratio of 45.224 mcf/bbl. (which was derived from the ratio of the ultimate gas recovery of the Gulf Oil Production and Exploration Co. J. F. Janda NCT-J No. 1 of 1322.444 MMCF to the ultimate oil recovery of this well, which was 29,242 barrels), resulting in an estimated ultimate gas recovery of 254.5 MMCF

The most probable estimated ultimate gas recovery of 259,750 MCF (previously presented on page 2., Rule 9, Sec. b.) is the mean value of 265.0 MMCF and 254.5 MMCF

Sec. c. Other supporting data submitted include the following:

Summarized completion data with well logs for both the pre-existing and application wells.

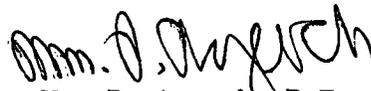
Gas Production History Tabulation and Graph for Gulf Oil Exploration and Production Co. J. F. Janda NCT-J No. 1 (the pre-existing well).

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Gulf Oil Exploration and Production Co.

J. F. Janda NCT-J No. 1 and the Doyle Hartman J. F. Janda NCT-J No. 5.

We believe that the above adequately documents this request and has been prepared in accordance with Exhibit "A", Order R-6013-A; however, we should be pleased to supply anything else which you might require in this connection.

Very truly yours,

  
Wm. P. Aycock, P.E.

WPA/bw

Enclosures

TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A,  
(SECTIONS "a," THROUGH "f.")

NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

<u>SECTION OF RULE 8</u>	<u>RULE 8 REQUIREMENT</u>	<u>PRE-EXISTING WELL GULF OIL EXP. &amp; PROD. CO., OPERATOR</u>	<u>INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR</u>
a.	Lease Name and Well Location	J. F. Janda NCT-J No. 1 1650' FSL & 990' FEL	J. F. Janda NCT-J No. 5 1650' FSL & 330 FEL
b.	Spud Date	April 10, 1954	November 9, 1984
c.	Completion Date	May 17, 1954	December 6, 1984
d.	Mechanical Problems	None	None
e.	Current Rate of Production	Temporarily Abandoned	Form C-105: 7 bbl./day & 24 MCF/day on 12-8-84
f.	Date of Plug and Abandonment	Not Plugged. Projected for workover for recompletion in Langlie-Mattix Pool.	Not Plugged

30-025-28888

NO. OF COPIES RECEIVED		
DISTRIBUTION		
AMOUNT PAID		
DATE		
BY		
REMARKS		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-64

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
B-229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work  
Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  SINGLE ZONE  MULTIPLE ZONE

Name of Operator  
Doyle Hartman  
Address of Operator  
Post Office Box 10426 Midland, Texas 79702  
Location of Well  
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE  
330 FEET FROM THE East LINE OF SEC. 4 TWP. 23 RGE. 36 NMPM

19. Proposed Depth 3900  
19A. Formation Yates-7 Rivers  
20. Rotary or C.T. Rotary  
21A. Kind & Status Plug. Bond Multi-approved  
21B. Drilling Contractor Undetermined  
22. Approx. Date Work will start September 1984

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

9. Well No.  
5

10. Field and Pool, or Wildcat  
Jalmat (Oil)

12. County  
Lea

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	36.0	400	600	Surface
8-3/4	7	23.0	3900	700	Surface

The proposed well will be drilled to a total depth of 3900' and will be completed as a Jalmat (Yates-Seven Rivers) oil producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 psi double-ram BOP system. Janda "J" No. 1 present Jalmat oil well on the proration unit is temporarily abandoned and will be recompleted to the Langlie Mattix pool by Gulf.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3/11/85  
UNLESS DRILLING UNDERWAY

NOTE: Any gas produced from the proposed well has previously been dedicated to Northern Natural Gas Company.

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

by Michelle Semler Title Administrative Assistant Date August 27, 1984

(This space for State Use)

AUG 29 1984

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

AUG 30 1984

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION AT

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

All distances must be from the outer boundaries of the Section

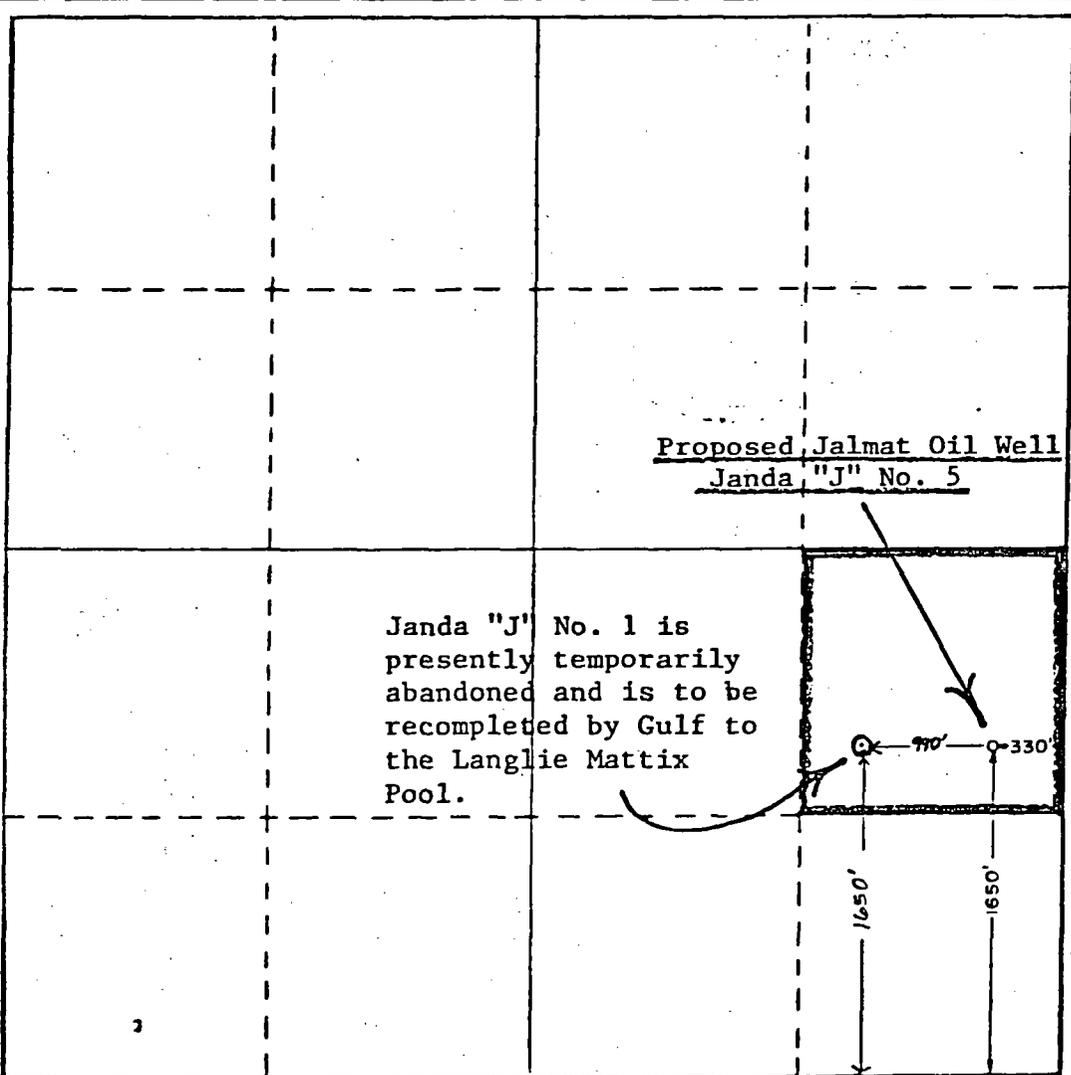
Operator DOYLE HARTMAN		Lease JANDA "J"			Well No. 5
Unit Letter 1	Section 4	Township 23 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1650 feet from the SOUTH line and 330 feet from the EAST line					
Ground Level Elev. 3486.7	Producing Formation Yates-Seven Rivers		Pool Jalmat (Oil)	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.

*Larry A. Nermyr*

Name  
Larry A. Nermyr

Position  
Engineer

Company  
Doyle Hartman

Date  
August 27, 1984

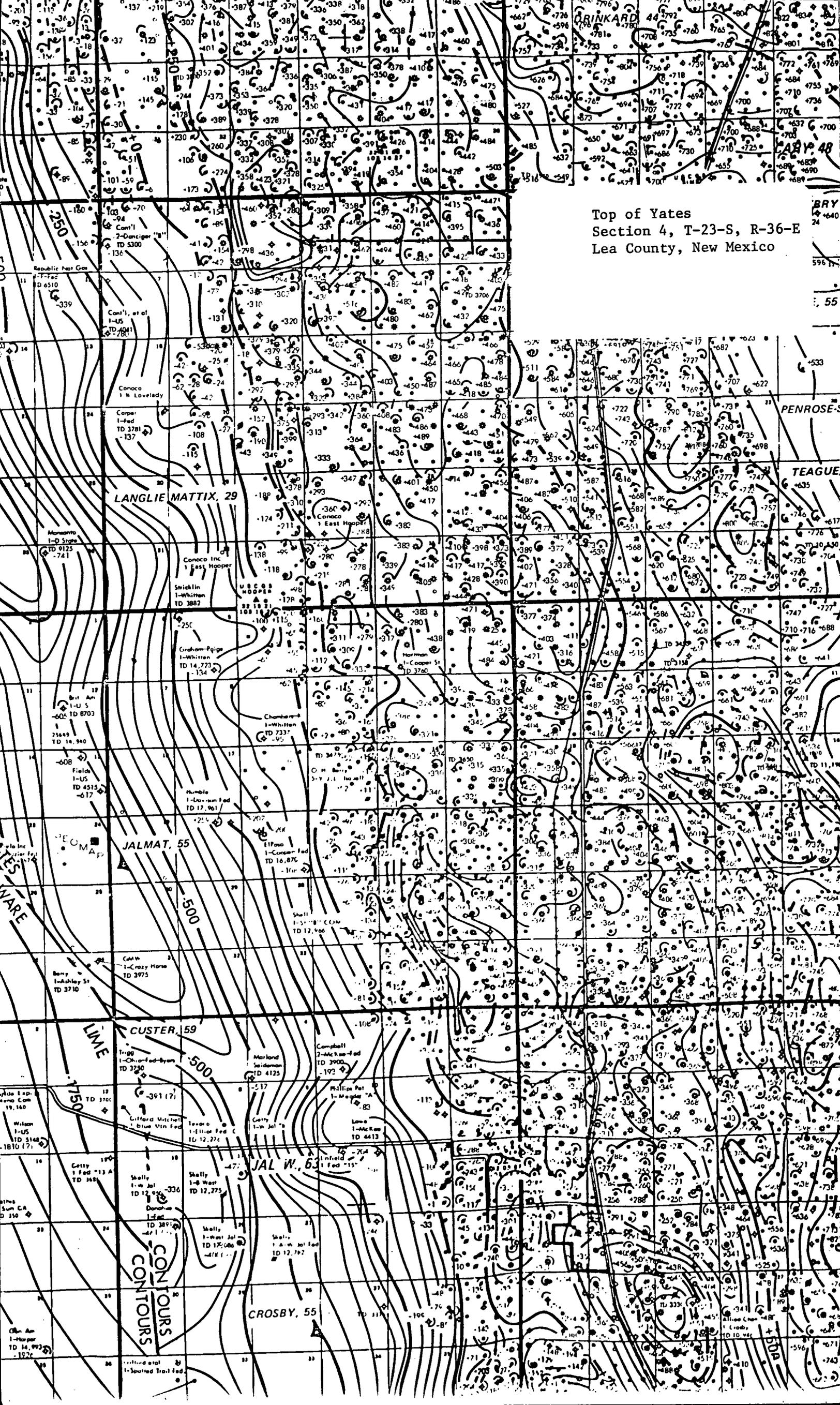
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
8-23-84

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 676  
All, RONALD J. ELSON, 3239



Top of Yates  
Section 4, T-23-S, R-36-E  
Lea County, New Mexico

BRY  
4640  
24  
596  
55

LANGLIE MATTIX, 29

JALMAT, 55

CUSTER, 59

JAL W., 63

CROSBY, 55

CONTOURS

WARE

PENROSE

TEAGUE

WARE

COMPANY

WELL J. F. Janda NCT-J No. 1

FIELD Jalmat (Gas)

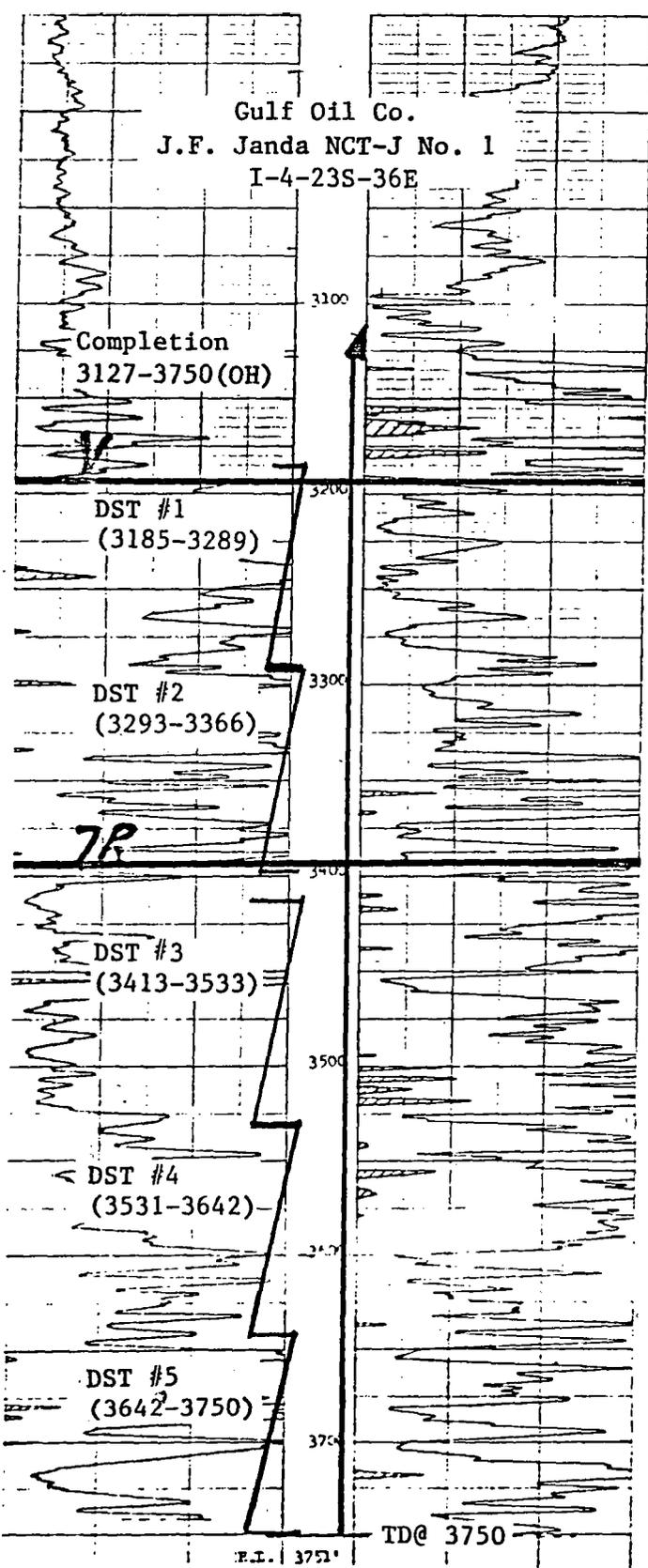
LOCATION 1650 FSL & 990 FEL (I)

Section 4, T-23-S, R-36-E  
(23-36-4-I)

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB \_\_\_\_\_  
DF 3497  
GL \_\_\_\_\_  
06-04-84



COMPLETION RECORD

SPUD DATE 4-10-54 COMP. DATE 5-17-54

TD 3750 PBTD \_\_\_\_\_

CASING RECORD 9-5/8 @ 482 w/360  
7 @ 3127 w/1300

PERFORATING RECORD OH: 3127-3750

STIMULATION Natural

IP IPF= 76 BOPD

GOR \_\_\_\_\_ GR 36.3

TP \_\_\_\_\_ CP \_\_\_\_\_

CHOKE 20/64 TUBING \_\_\_\_\_ @ \_\_\_\_\_

REMARKS DST #1 (3185-3289): GTS 2', 1748  
MCFPD. MTS-3'. OTS-6'. F/13 bbls in  
2 hrs. FP= 715. HP= 1920. BHP= 1122,  
15'.

DST #2 (3293-3396): GTS-10',  
363.9 MCFPD. Rec 240' OBM. FP= 180.  
HP= 1955. BHP= 965, 15'.

DST #3 (3413-3533): GTS-15',  
161.9 MCFPD. Rec 450' O&GCM. No water  
FP= 187-278. HP= 2115. BHP= 945, 15'.

DST #4 (3531-3642): GTS-5', 289.3  
MCFPD. Rec 270' DM, No wtr. FP= 90-175.  
HP= 2100. BHP= 1110, 15'.

DST #5 (3642-3750): GTS-7', 27.2  
MCFPD. Rec 250' O&GCM and 560' c/n oil  
no wtr. FP=95-325. HP=2250. BHP=930, 15'.  
2-18-66: A/1000, OH (3127-3750).

Last Production: 10-83  
Cum Production: 1,326,351 MCF  
29,242 BO

I-4-23S-36E

COMPANY Doyle Hartman

WELL J.F. Janda NCT-J No. 5

FIELD Jalmat (Oil)

LOCATION 1650 FNL & 330 FEL (I)  
Section 4, T-23-S, R-36-E  
(23-36-4-I)

COUNTY LEA

STATE NEW MEXICO

ELEVATIONS: KB 3497.2

DF

GL 3486.7

Doyle Hartman  
J.F. Janda NCT-J No. 5  
I-4-23S-36E

3000

3100

3200

3300

3400

3500

3600

3700

3800

PBTDC 3863

TD@ 3900

COMPLETION RECORD

SPUD DATE 11-9-84 COMP. DATE 12-06-84

TD 3900 PBTD 3863

CASING RECORD 9 5/8 @ 423 w/300  
7 @ 3900 w/1350

PERFORATING RECORD PERF: 3202-3692 w/22

STIMULATION A/5500

IP IPF = 7 BOPD + 24 MCFPD + 7 BWPD

GOR 3429 GR 34

TP CP 21

CHOKE 1 1/2 TUBING 2 3/8 @ 3828

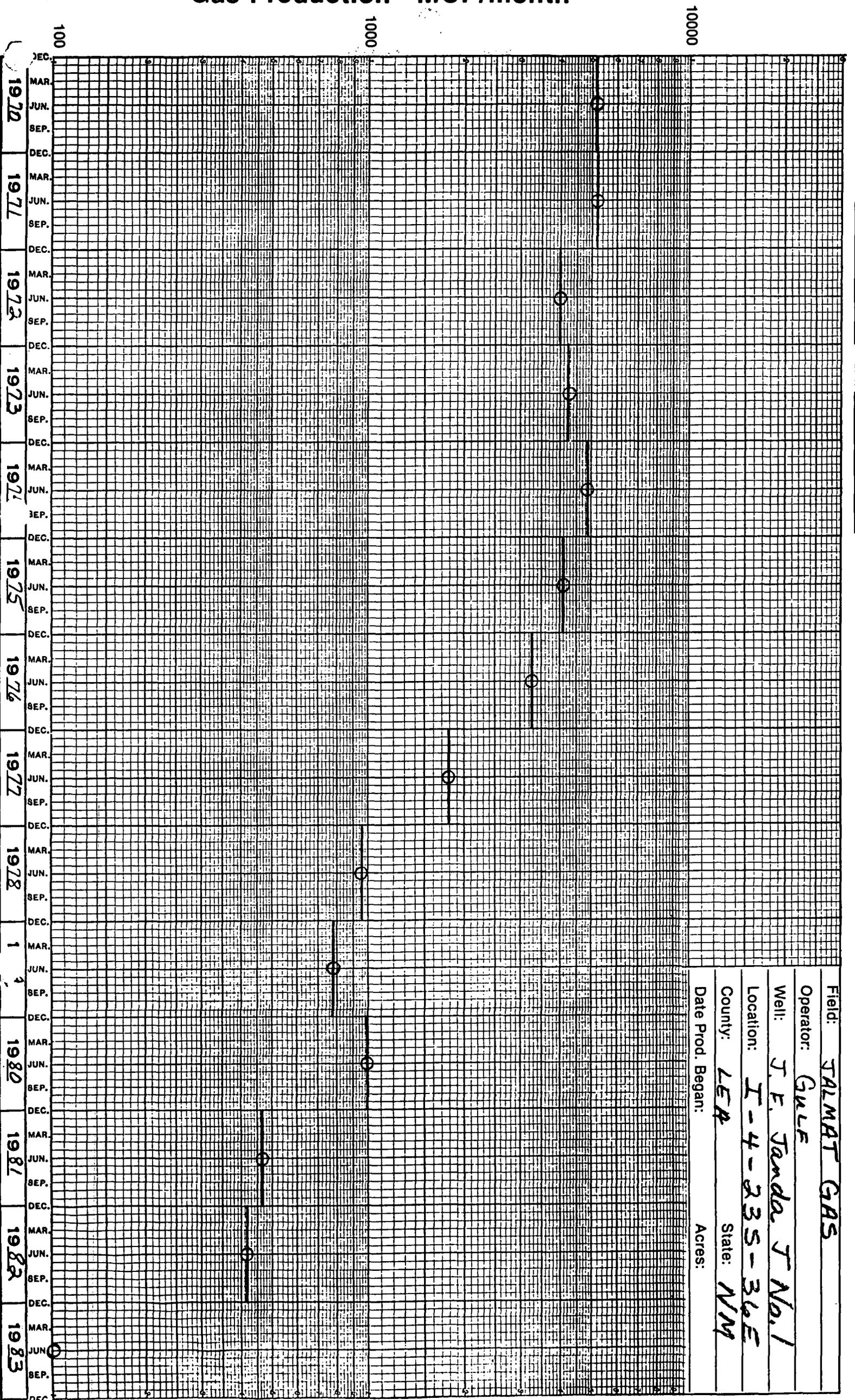
REMARKS Ppg (11 x 64 x 1 1/4)

Completion  
3202-3692  
(12-06-84)

I-4-23S-36E



# Gas Production - MCF/month



Cum: \_\_\_\_\_

Field: **JALMAT GAS**  
 Operator: **GULF**  
 Well: **J. F. Janda, T No. 1**  
 Location: **I-4-235-36E**  
 County: **LEA** State: **NM**  
 Date Prod. Began: \_\_\_\_\_ Acres: \_\_\_\_\_

VV 75

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

NO. OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

**I. OPERATOR**

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:	
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):

If change of ownership give name and address of previous owner: Gulf Oil Corp. P. O. Box 670 Hobbs, New Mexico 88240

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <u>J. F. Janda (NCT-J)</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Jalmat (Gas)</u>	Kind of Lease State, Federal or Fee <u>State</u>	Lease No. <u>B-229</u>
Location				
Unit Letter <u>I</u>	<u>1650</u>	Feet From The <u>South</u>	Line and <u>990</u>	Feet From The <u>East</u>
Line of Section <u>4</u>	Township <u>23S</u>	Range <u>36E</u>	NMPM, <u>Lea</u>	County

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS** TA'd

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., Pge. Is gas actually connected? When
	<u>No</u>

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

**IV. COMPLETION DATA**

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

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

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

**GAS WELL**

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

**VI. CERTIFICATE OF COMPLIANCE**

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

Larry A. [Signature]  
(Signature)

Engineer  
(Title)

December 31, 1984  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED \_\_\_\_\_, 19\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

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 tests taken on the well in accordance with RULE 111.

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

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

Separate Form C-104 must be filed for each pool in multiple completed wells.

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

PLUGGED 11/11/66

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
**B-229**

**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

Name of Operator  
**Gulf Oil Corporation**

8. Farm or Lease Name  
**J. F. Janda (NCT-J)**

Address of Operator  
**Box 670, Hobbs, New Mexico**

9. Well No.  
**1**

Location of Well  
UNIT LETTER **I** **1650** FEET FROM THE **South** LINE AND **990** FEET FROM  
THE **East** LINE, SECTION **4** TOWNSHIP **23-S** RANGE **36-E** NMPM.

10. Field and Pool, or Wildcat  
**Jalmat Gas**

15. Elevation (Show whether DF, RT, GR, etc.)  
**3497' GL**

12. County  
**Lea**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>
		<b>Acidized</b>	

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.

**Dumped 1000 gallons of 15% NE acid down tubing, over open hole interval 3127' to 3750'. Swabbed and kicked off and returned well to production.**

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

ORIGINAL SIGNED BY  
SIGNED C. D. BORLAND TITLE Area Production Manager DATE February 18, 1966

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65  
N.M.C.C.

Jan 27

5a. Indicate Type of Lease  
 State  Fee   
 5. State Oil & Gas Lease No.  
**B-229**

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 <b>Gulf Oil Corporation</b>		7. Unit Agreement Name
1. Address of Operator <b>Box 670, Hobbs, New Mexico</b>		8. Farm or Lease Name <b>J. F. Janda (NCT-J)</b>
4. Location of Well UNIT LETTER <b>I</b> <b>1650</b> FEET FROM THE <b>South</b> LINE AND <b>990</b> FEET FROM THE <b>East</b> LINE, SECTION <b>4</b> TOWNSHIP <b>23-S</b> RANGE <b>36-E</b> NMPM.		9. Well No. <b>1</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3497 GL</b>		10. Field and Pool, or Wildcat <b>Jalmat Gas</b>
		12. County <b>Lea</b>

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 <b>Acidize</b> <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	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.

**It is proposed to treat open hole interval 3127' to 3750' with 500 gallons of 15% NE acid.**

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

ORIGINAL SIGNED BY  
 SIGNED C. D. BORLAND TITLE Area Production Manager DATE January 27, 1966

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



NUMBER OF COPIES RECEIVED	
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STATE	
FILE	
U.S.G.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128  
 Revised 5/1/57

25

**SECTION A**

Operator <b>Gulf Oil Corporation</b>	Lease <b>J. F. Janda (NCT-J)</b>	Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>4</b>	Township <b>29-S</b>
	Range <b>36-E</b>	County <b>Lea</b>

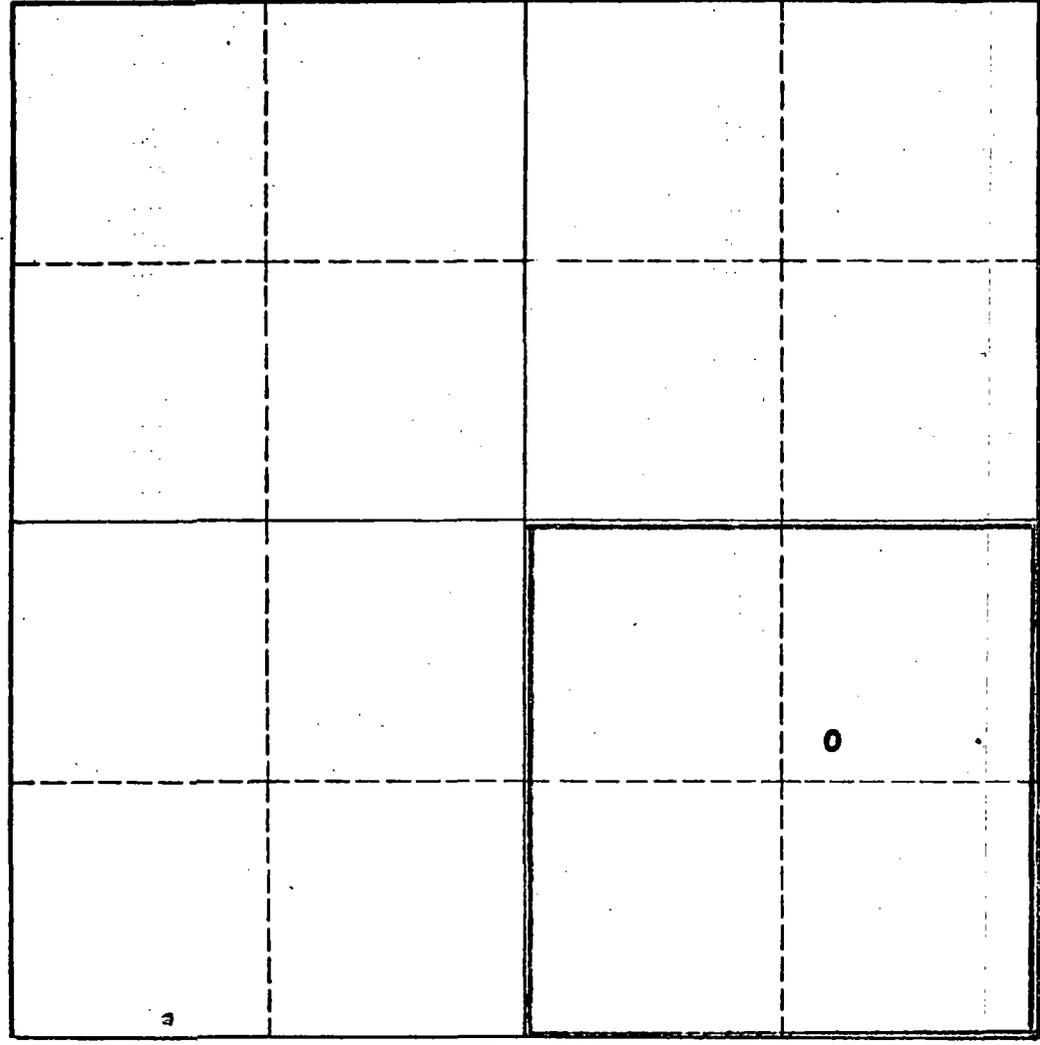
Actual Footage Location of Well:  
**1650** feet from the **South** line and **990** feet from the **East** line

Ground Level Elev. <b>3497</b>	Producing Formation <b>Yates &amp; Seven Rivers</b>	Pool <b>Jalnet (Gas)</b>	Dedicated Acreage: <b>160</b> Acres
-----------------------------------	--	-----------------------------	--

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES  NO  . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES  NO  . If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

**SECTION B**



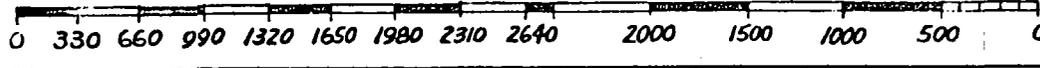
**CERTIFICATION**

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

Name <b>J. F. Janda</b>
Position <b>Area Production Manager</b>
Company <b>Gulf Oil Corporation</b>
Date <b>August 23, 1962</b>

I hereby certify that the well location shown on the plat in SECTION B 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.
-----------------

# Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

P. O. Drawer 1938  
Roswell, New Mexico

W. A. Shellshear  
DISTRICT MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
H. C. Vivian  
DISTRICT SERVICES MANAGER

June 25, 1962

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Re: Application of Gulf Oil Corporation  
For Approval of a 160-acre Non-  
Standard Gas Proration Unit, Jalmat  
Gas Pool, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully requests exception to Rule 5(a) of Order R-1670 for administrative approval of a 160-acre Non-Standard Jalmat Gas Proration Unit covering the SE/4 of Section 4, Township 23 South, Range 36 East, Lea County, New Mexico. This Non-Standard Unit is to be attributed to the J. F. Janda "J" Well No. 1, located 1650 feet from the south line and 990 feet from the east line of this Section 4.

In support of this application, the following facts are submitted:

- (1) Applicant's J. F. Janda "J" Well No. 1 is now classified as a Jalmat Oil Well. The Commission has advised that effective July 1, 1962, this well will be reclassified as a Jalmat Gas Well.
- (2) The proposed Non-Standard Gas Proration Unit consists of contiguous quarter quarter sections and lies wholly within a single governmental section.
- (3) The entire Non-Standard Gas Proration Unit is reasonably presumed to be gas productive in the Jalmat Gas Pool.
- (4) The length or width does not exceed 5,280 feet.

All operators owning interests in the Section in which the Non-Standard Gas Proration Unit is located, and all operators within 1500 feet of the Unit well have been furnished a copy of this application.

Respectfully submitted,

GULF OIL CORPORATION

*W. A. Shellshear*  
W. A. Shellshear

JHH:sz



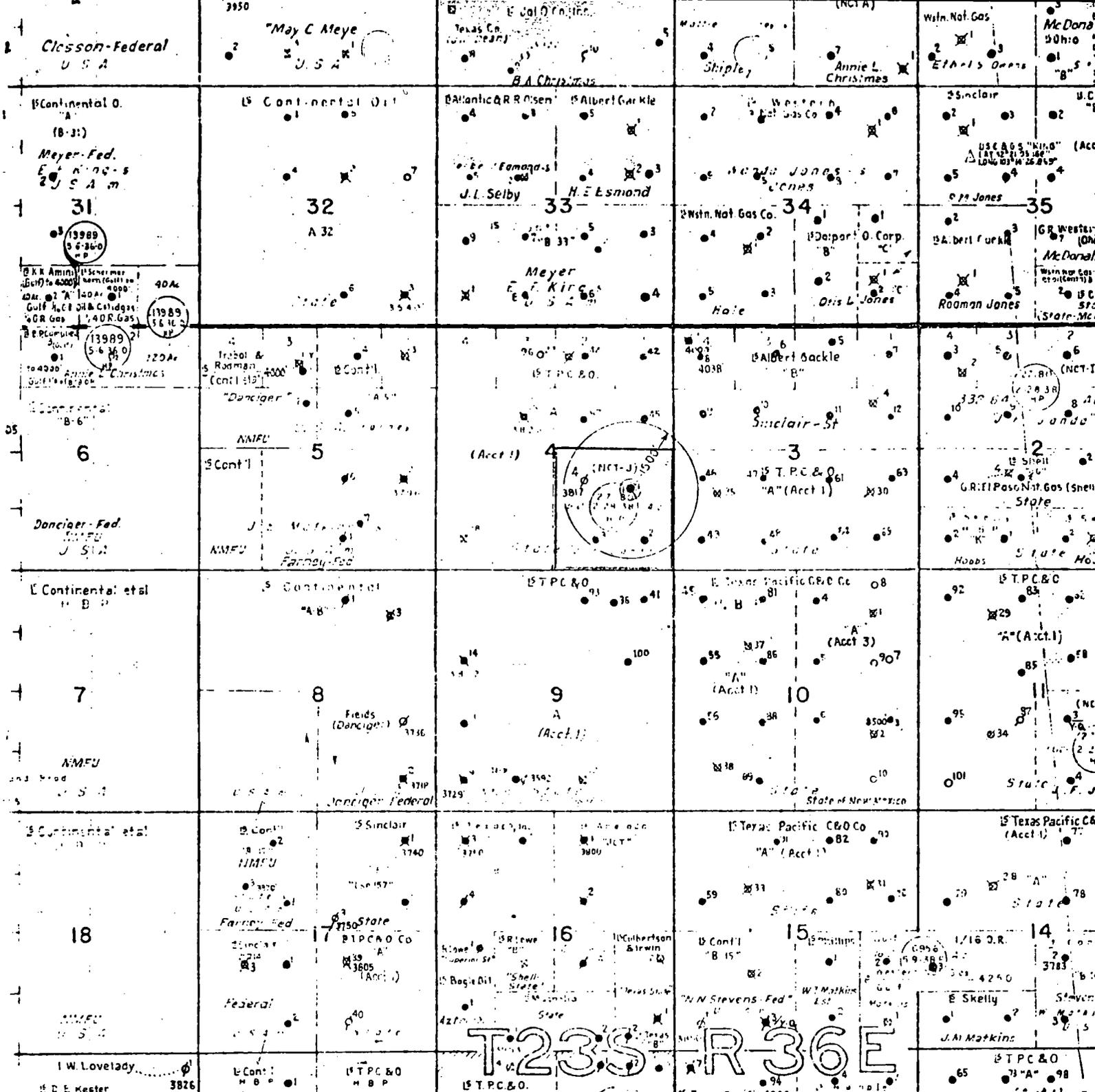
June 25, 1962

cc: New Mexico Oil Conservation Commission  
Post Office Box 2045  
Hobbs, New Mexico

Registered Mail:

Albert Gackle  
427 Fort Worth National Bank Building  
Fort Worth, Texas

Texas Pacific Coal and Oil Company  
Post Office Box 4067  
Midland, Texas



LEASE PLAT

J. F. JANDA "J" LEASE

JALMAT GAS POOL

LEA COUNTY, NEW MEXICO

- L E G E N D -

Proposed Non-Standard Unit

Pertinent Well

OIL CONSERVATION COMMISSION  
HOBBS, NEW MEXICO

June 14, 1962

Gulf Oil Corp.  
Box 2167  
Hobbs, New Mexico

Gentlemen:

This is to advise that effective July 1, 1962 your J. F. Janda NCT-J Well No. 1 located in Unit I of Section 4, T-23-S, R-36-E will be reclassified as a gas well in the Jalmat Gas Pool due to the recently submitted gas-oil ratio test, which shows the well to be producing with a ratio in excess of 100,000:1.

The well is to be shut in and remain shut in until the provisions of Commission Order No. R-1670, as they pertain to the Jalmat Gas Pool, have been complied with.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey  
Supervisor, District 1

mc

C  
O  
P  
Y

(File the original and 4 copies with the appropriate district office)

HOBBS OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

1959 APR 2 PM 2:36

Company or Operator Gulf Oil Corporation Lease J. F. Janda (NCT-J)

Well No. 1 Unit Letter I S 4 T23-S R 36-E Pool Jalmat

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit P S 4 T 23 R 36

Authorized Transporter of Oil or Condensate Texas-New Mexico Pipeline Co.

Address Box 1510, Midland, Texas  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Phillips Petroleum Co. (Low Pressure)

Address Box 66, Oil Center, N. M.  
(Give address to which approved copy of this form is to be sent)

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

Reasons for Filing: (Please check proper box) New Well

Change in Transporter of (Check One): Oil  Dry Gas  C'head  Condensate

Change in Ownership  Other

Remarks: (Give explanation below)

This oil will be produced into common storage with other wells on this lease producing from Langlie Mattix zone. (Well presently closed in for over-production of gas).

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

Executed this the 1st day of April 1959

By [Signature]

Approved \_\_\_\_\_ 19 \_\_\_\_\_

Title Area Production Supt.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By R. F. Montgomery

Address Box 2167

Title \_\_\_\_\_

Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

**DUPLICATE**  
(File the original and 4 copies with the appropriate district office)

HOBBS OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

AUG 30 PM 3:43

Company or Operator Gulf Oil Corporation Lease J. P. Janda "J"

Well No. 1 Unit Letter I S 4 T23-S R 36-E Pool Jalnat\*

County Lea Kind of Lease (State, Fed. or Patented) \_\_\_\_\_ State \_\_\_\_\_

If well produces oil or condensate, give location of tanks: Unit P S 4 T23-S R36-E

Authorized Transporter of Oil or Condensate Gulf Refining Co., Western Pipeline Division

Address Box 1508, Hobbs, N. M.  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas \_\_\_\_\_

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

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

NFO-26

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ (X)

Remarks: \_\_\_\_\_ (Give explanation below)

\*Formerly designated Cooper Jal Pool.

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

Executed this the 29th day of August 19 55

Approved SEP 1 1955 \_\_\_\_\_ 19 \_\_\_\_\_

By [Signature]  
Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By [Signature]

Address Box 2167, Hobbs, N. M.

Title \_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE August 8, 1955

TO: Gulf Oil Corporation

Box 2167

Hobbs, N.M.

Gentlemen:

In accordance with the provisions of Commission Order No. R-520, your \_\_\_\_\_

Janda I, <sup>1-1</sup>31, 4-23-36 which, according to our  
(Lease) (Well No.) (S.T.R.)

records, is producing from the Yates formation, will be placed in the

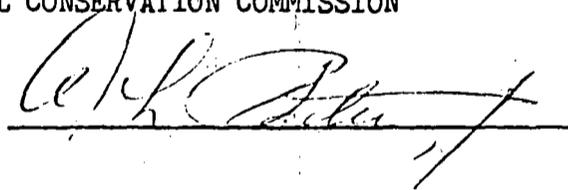
Jalmat Pool effective October 1, 1955, and from that date forward will be subject to the Commission's rules and regulations governing that pool.

You are hereby instructed to file Form C-110 in Quintuplicate with the Hobbs Office showing the change in pool designation not later than September 1, 1955. If you desire to produce this well into common tankage with other wells in another pool which are located on the same basic lease, please incorporate the following statement on the form C-110: "Permission is hereby requested to produce this well into common storage with wells on the same lease currently prorated in Cooper Jal pool."

If you do not agree with this classification of your well you should notify this office in writing immediately.

Failure to file Form C-110 by the specified time will result in Allowable cancellation.

OIL CONSERVATION COMMISSION

BY 

OCC Santa Fe

cc: Oil Transporter Gulf Refining  
Gas Transporter  
Well File

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

**DUPLICATE**

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda "J"

Well No. 1 Unit Letter I S 4 T23-S R36-E Pool Cooper Jal

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate \_\_\_\_\_

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

Authorized Transporter of Gas El Paso Natural Gas Co.

Address Box 1384, Jal, N. M.  
(Give address to which approved copy of this form is to be sent)

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

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head (X) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)

This gas formerly blown to air. El Paso Natural Gas Co. made connection to take this gas on July 29, 1955.

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

Executed this the 4th day of August 1955

By \_\_\_\_\_

Approved AUG - 8 1955 \_\_\_\_\_ 19

Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By Warren Mauder

Address Box 2167

Title Engineer District 11

Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda "J"

Well No. 3 Unit Letter I S 4 T 23-3 R 36-E Pool Cooper Jal

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit P S 4 T 23-S R 36-E

Authorized Transporter of Oil or Condensate Gulf Oil Corporation, Crude Oil Purch. Dept.

Address Box 1508, Hobbs, N. M.  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Co.

Address Box 1384, Jal, N. M.  
(Give address to which approved copy of this form is to be sent)

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

Reasons for Filing: (Please check proper box) New Well

Change in Transporter of (Check One): Oil  Dry Gas  C'head  Condensate

Change in Ownership  Other

Remarks: (Give explanation below)

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

Executed this the 28th day of July 1955

By [Signature]

Approved [Signature] 1955

Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By [Signature]

Address Box 2167

Title Engineer L.

Hobbs, N. M.



NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

NOV 11 3:52

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda

Address Box 2167, Hobbs, N. M. Fort Worth, Texas  
(Local or Field Office) (Principal Place of Business)

Unit I, Well(s) No. 3, Sec. 4, T. 23-S R. 36-E Pool Cooper-Jal

County Lea Kind of Lease: Private

If Oil well Location of Tanks on lease

Authorized Transporter Gulf Oil Corporation, Crude Oil Purchasing Department Address of Transporter

Hobbs, New Mexico 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:

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

Executed this the 6th day of October 1954

Approved \_\_\_\_\_, 19\_\_\_\_\_

Gulf Oil Corporation

OIL CONSERVATION COMMISSION

By A. G. Stanley

By \_\_\_\_\_

Title \_\_\_\_\_

Title Area Supt. of Prod.

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda

Address Box 2167, Hobbs, New Mexico Fort Worth, Texas  
(Local or Field Office) (Principal Place of Business)

Unit I, Well(s) No. 3, Sec. 4, T. 23-S, R. 36-E, Pool Cooper Jal

County Lea Kind of Lease: Private

If Oil well Location of Tanks On lease

Authorized Transporter - Address of Transporter -  
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported \* 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:

**File for casinghead gas.**  
**\*16,118 MCF blown to air - Based on July, 1954 production.**

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

Executed this the 14th day of September, 1954

Gulf Oil Corporation

Approved \_\_\_\_\_, 19\_\_\_\_\_

OIL CONSERVATION COMMISSION

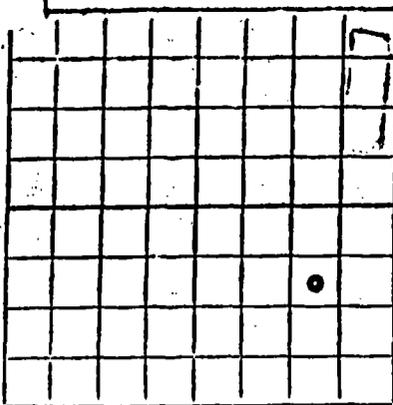
By \_\_\_\_\_

By \_\_\_\_\_

Title Area Supt. of Prod.

Title \_\_\_\_\_

(See Instructions on Reverse Side)



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

FIELD OFFICE OCC

## WELL RECORD

 PM 2:57

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Gulf Oil Corporation

(Company or Operator)

J. F. Janda

(Lease)

Well No. 3, in NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 4, T. 23-S, R. 36-E, NMPM.

Cooper Jal Pool, Lea County.

Well is 990' feet from East line and 1650 feet from South line of Section 4. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced April 10, 1954. Drilling was Completed May 14, 1954.

Name of Drilling Contractor Oscar Bourg Drilling Co.

Address McClintic Bldg., Midland, Texas

Elevation above sea level at Top of Tubing Head 3497'. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

### OIL SANDS OR ZONES

No. 1, from 3194' to 3750' 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.

### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8"	36#	New	167'	Baker			
7"	20#	New	3112'	Baker			

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/4"	9-5/8"	1,82'	360	HOWCO		
8-3/4"	7"	3127'	1300	HOWCO		

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Result of Production Stimulation \_\_\_\_\_

\_\_\_\_\_ Depth Cleaned Out \_\_\_\_\_

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 3750' feet, and from.....feet to.....feet.  
 Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing May 17, 1954

OIL WELL: The production during the first 24 hours was 76 barrels of liquid of which 100 % was  
 was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
 Gravity 36.3

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
 liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>1302'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1120'</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>3030'</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3191'</u> <i>Corr</i>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>3164'</u> <i>Corr</i>	T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....		T. ....	T. ....
T. Abo.....		T. ....	T. ....
T. Penn.....		T. ....	T. ....
T. Miss.....		T. ....	T. ....

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	11.65		Distance from Kelly Drive		3396		Dolomite and Sand
			Bushing to Ground		3423		Dolomite
	105		Caliche and Sand		3533		Dolomite and Sand
	300		Caliche and Red Bed		3587		Dolomite
	490		Red Bed		3750		Dolomite and Sand
	857		Red Bed and Red Rock				
	1103		Sand and Anhydrite				
	1273		Red Bed and Red Rock				
	1357		Anhydrite				
	1557		Anhydrite, Gyp and Salt				
	1825		Anhydrite and Salt				
	2077		Anhydrite				
	2375		Anhydrite and Salt				
	2568		Anhydrite				
	2642		Salt				
	2811		Anhydrite				
	3015		Anhydrite and Salt				
	3142		Anhydrite and Gyp				
	3179		Dolomite and Anhydrite				
	3234		Anhydrite, Dolomite and Sand				
	3253		Lime				
	3287		Sand				
	3340		Sand Stone				
	3356		Sandstone and dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

June 2, 1954 (Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name S. F. Taylor

Position or Title Area Prod. Supt.

DEVIATIONS - TOTCO SURVEYS

1/4 - 260'	1 - 1620	3 - 2585
3/4 - 480	3/4 - 1891	2-3/4 - 2700
1 - 750	1-1/4 - 2150	3 - 2748
3/4 - 1003	1-1/4 - 2250	2-3/4 - 2865
1 - 1250	2-3/4 - 2533	2-3/4 - 2950
1 - 1491	3 - 2555	2-1/4 - 3020

DRILL STEM TESTS

4-30-54 - No. 1 - 2 hour, 6 minute Halliburton drill stem test from 3185-3289' - Packers at 3185' and 3177'. Bombs at 3288-3161'. Tool opened 12:02Am - Gas to surface in 2 minutes, 24 hour rate 1,748,000 cu ft. Mud to surface in 3 minutes, oil in 6 minutes. Flowed 13 bbls clean oil, no water 2 hours. Flowing pressure 715#.- Hydrostatic pressure 1920#. 15 minute BHP 1122#.

5-5-54 - No. 2 - 1-1/2 hour Halliburton drill stem test from 3293-3396'. Gas to surface in 10 minutes, 24 hour rate 363,900 cu ft. No fluid. Recovered 240' oil base mud. Flowing pressure 180#. Hydrostatic pressure 1955#. 15 minute BHP 965#.

5-8-54 - No. 3 - 1-1/2 hour Halliburton drill stem test from 3413-3533'. Gas to surface in 5 minutes, 24 hour rate 161,900 cu ft. No fluid. Recovered 450' oil and gas cut mud, no water. Flowing pressure 187-278#. Hydrostatic pressure 2115#. 15 minute BHP 945#.

5-11-54 - No. 4 - 1-1/2 hour Halliburton drill stem test from 3531-3642'. Gas to surface in 5 minutes, 24 hour rate 289,300 cu ft. No fluid. Recovered 270' drilling mud, no water. Flowing Pressure 90-175#. Hydrostatic pressure 2100#. 15 minute BHP 1110#.

5-15-54 - No. 5 - 1-1/2 hour Halliburton drill stem test from 3642-3750'. Gas to surface in 7 minutes, 24 hour rate 27,200 cu ft. No fluid. Recovered 810' fluid, 250' oil and gas cut mud and 560' clean oil, no water. Flowing pressure 95-325#. Hydrostatic pressure 2250#. ~~15 minute BHP 930#.~~

SR Y - 3194  
3464

3507  
3194  
313

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE 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 QUADRUPPLICATE 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.

Hobbs, New Mexico May 27, 1954  
(Place) (Date)

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

Gulf Oil Corporation J. F. Janda, Well No. 3, in NE 1/4 SE 1/4,  
(Company or Operator) (Lease)  
I, Sec. 4, T. 23-S, R. 36-E, NMPM, Cooper Jal Pool  
(Unit)  
Lea County. Date Spudded April 10, 1954, Date Completed May 17, 1954

Please indicate location:

			o

Elevation 3495' Total Depth 3750' P.B. -

Top oil/gas pay 3194' Top of Prod. Form Yates and Seven Rivers

Casing Perforations: - or

Depth to Casing shoe of Prod. String 3129'

Natural Prod. Test 76 BOPD

based on 76 bbls. Oil in 24 Hrs. - Mins.

Test after acid or shot - BOPD

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

Gas Well Potential -

Size choke in inches 20/64"

Date first oil run to tanks or gas to Transmission system: May 17, 1954

Transporter taking Oil or Gas: Gulf Refining Company

Remarks: It is requested that this well be placed in the Proration Schedule effective May 17, 1954.

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

Approved: \_\_\_\_\_, 19\_\_\_\_

OIL CONSERVATION COMMISSION

By: J. G. Stanley  
Title: \_\_\_\_\_

Gulf Oil Corporation  
(Company or Operator)

By: [Signature]  
(Signature)

Title: Area Prod. Supt.  
Send Communications regarding well to:

Name: Gulf Oil Corporation

Address: Box 2167, Hobbs, New Mexico

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

OFFICE OCC

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

MAY 27 11 2:47

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator..... Gulf Oil Corporation ..... Lease..... J. F. Janda .....

Address..... Hobbs, New Mexico ..... Fort Worth, Texas .....  
(Local or Field Office) (Principal Place of Business)

Unit..... I ..... Well(s) No. 3 ..... Sec. 4 ..... T. 23-S ..... R. 36-E ..... Pool Cooper Jal .....

County..... Lea ..... Kind of Lease: Private .....

If Oil well Location of Tanks..... On Lease .....

Authorized Transporter..... Gulf Refining Company ..... Address of Transporter

..... Hobbs, New Mexico ..... 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..... none .....

**REASON FOR FILING: (Please check proper box)**

- NEW WELL.....  ..... CHANGE IN OWNERSHIP.....
- CHANGE IN TRANSPORTER.....  ..... OTHER (Explain under Remarks).....

REMARKS:

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

Executed this the 25th day of May 19 54.

Gulf Oil Corporation

Approved....., 19.....

**OIL CONSERVATION COMMISSION**

By A. G. Stanley  
Title.....

By G. F. Janda  
Title Area Prod. Supt.

(See Instructions on Reverse Side)

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

HOBBS OFFICE CCC

**MISCELLANEOUS REPORTS ON WELLS**

1954 APR 27 AM 10:14

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

April 26, 1954 Hobbs, N.M.

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

Gulf Oil Corporation J. F. Janda  
Oscar Bourg Drilling Co. Well No. 3 in the NE 1/4 SE 1/4 of Sec. 4  
T23-S, R. 36-E, NMPM, Jalco Gas Pool, Lea County.

The Dates of this work were as follows: April 21-23, 1954

Notice of intention to do the work (X) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, and approval of the proposed plan (X) (was not) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 102 jts (3115') 7" 20# J-55 SS Casing w/3 centralizers and 12 scratchers from 3129-2979'. Set and cemented at 3129' w/1300 sacks cement. 1200 sacks 4% Gal and 100 sacks neat on bottom. Plug at 3069'. Max pressure 1000#. Circulated approx. 60 sacks cement.

After waiting over 36 hours, tested 7" casing w/1000# for 30 minutes. There was no drop in pressure. Drilled plug from 3069-3129' and tested cement below csg shoe w/1000# for 30 minutes. There was no drop in pressure.

Witnessed by Glenn Stach Gulf Oil Corp. Drilling Foreman

Approved: OIL CONSERVATION COMMISSION

[Signature] (Name)  
Engr. (Title)

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

Name [Signature]  
Position Area Prod. Supt.  
Representing Gulf Oil Corp.  
Address Box 2167, Hobbs, N.M.

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS**

APR 15 AM 9:00

Submit this report in **TRIPPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 TEST OF CASING SHUT-OFF	<b>XX</b>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

April 14, 1954 (Date) Hobbs, New Mexico (Place)

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

Gulf Oil Corporation (Company or Operator) J. F. Janda (Lease)

Oscar Bourg Drilling Co. (Contractor), Well No. 3 in the NE 1/4 SE 1/4 of Sec. 4,

T. 23-S., R. 36-E., NMPM. Jalco Gas Pool, Lea County.

The Dates of this work were as follows: April 11-13, 1954

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.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 11 joints (490') 9-5/8" 36# J-55 SS Casing. Set and cemented at 482' w/325 sacks reg. neat cement. Plug at 460'. Max. pressure 200#. Cement did not circulate. Recemented top from 40' to surface thru 2" pipe w/355 sacks reg. cement. complete at 3:30 pm 4-11-54.

After waiting over 24 hours tested 9-5/8" casing w/1000# for 30 minutes. There was no drop in pressure. Drilled cement plug from 460-482' and tested cement below casing shoe w/300# for 30 minutes. There was no drop in pressure.

Witnessed by Glenn Stach (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

S. J. Stanley (Name) (Date)

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

Name: E. F. Taylor  
Position: Area Prod. Supt.  
Representing: Gulf Oil Corporation  
Address: Box 2167, Hobbs, N.M.

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico HOBBS OFFICE OCC

**MISCELLANEOUS REPORTS ON WELLS: 14**

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	<input type="checkbox"/>	REPORT ON REPAIRING WELL	<input type="checkbox"/>
REPORT ON RESULT OF PLUGGING WELL	<input type="checkbox"/>	REPORT ON RECOMPLETION OPERATION	<input type="checkbox"/>	REPORT ON (Other)	<input type="checkbox"/>

April 13, 1954

Hobbs, New Mexico

(Date)

(Place)

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

Gulf Oil Corporation  
(Company or Operator)

J. E. Sneed  
(Lease)

Oscar Bourg Drilling Co.  
(Contractor)

Well No. 3 in the NE 1/4 SE 1/4 of Sec. 4

T. 23S, R. 36E, NMPM, Jalco Gas Pool, Lea County.

The Dates of this work were as follows: April 10, 1954

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

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Oscar Bourg Drilling Company spudded 13-3/4" hole at 3 AM April 10, 1954.

Witnessed by: J. E. Sneed Gulf Oil Corporation Drilling Foreman  
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION  
*J. G. Stanley*  
(Name) (Date)

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

Name: *J. E. Sneed*  
Position: Area Prod. Supt.  
Representing: Gulf Oil Corp.  
Address: Box 2167, Hobbs, N.M.

**NOTICE OF INTENTION TO DRILL OR RECOMPLETE**

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion 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 **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico  
(Place)

March 15, 1954  
(Date)

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

Gulf Oil Corporation  
(Company or Operator)

J. F. Janda  
(Lease)

Well No. 3, in

I  
(Unit)

The well is

located 990' feet from the East line and 1650' feet from the

South

line of Section 4, T. 23S, R. 36E, NMPM.

(GIVE LOCATION FROM SECTION LINE) Jalco Gas Pool, Lea County

If State Land the Oil and Gas Lease is No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_

Address \_\_\_\_\_

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

The status of plugging bond is \_\_\_\_\_

Drilling Contractor \_\_\_\_\_

We intend to complete this well in the Yates & Seven Rivers formation at an approximate depth of 3650' feet.

**CASING PROGRAM**

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
<u>12-1/4"</u>	<u>9-5/8"</u>	<u>36#</u>	<u>New</u>	<u>350</u>	<u>150</u>
<u>8-3/4"</u>	<u>7"</u>	<u>20-23#</u>	<u>New</u>	<u>3050</u>	<u>450</u>

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved \_\_\_\_\_, 19\_\_\_\_  
Except as follows:

OIL CONSERVATION COMMISSION  
By [Signature]  
Title \_\_\_\_\_

Sincerely yours,

Gulf Oil Corporation  
(Company or Operator)  
By [Signature]  
Position Area Prod. Supt.  
Send Communications regarding well to  
Name Gulf Oil Corp.  
Address Box 2167, Hobbs, N.M.

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

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

Please hold confidential as long as law allows.

6. Indicate Type of Lease  
State  Free

8. State Oil & Gas Lease No.  
B-229

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

9. Well No.  
5

10. Field and Pool, or Wildcat  
Jalpat (Oil)

14. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

2. Name of Operator  
Doyle Hartman

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

4. Location of Well

DEC 26 1984

UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE AND 330 FEET FROM \_\_\_\_\_

THE East LINE OF SEC. 4 TWP. 23S RGE. 36E NMPM \_\_\_\_\_

15. Date Spudded 11-09-84 16. Date T.D. Reached 11-16-84 17. Date Compl. (Ready to Prod.) 12-06-84 18. Elevations (DF, RKB, RT, GR, etc.) 3486.7 G.L. 19. Elev. Casinghead 3487

20. Total Depth 3900 21. Plug Back T.D. 3863 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled by Rotary Tools 0-3900 Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
3202-3692 w/22 Yates-Seven Rivers

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CDL-Neutron, Forxo-Guard, GRN-CCL

27. Was Well Cored  
No

26. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	40	423	12-1/4	300 sx (circ)	none
7	26	3900	8-3/4	1350 sx (circ)	none

25. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3828	none

31. Perforation Record (Interval, size and number)  
22 shots with one shot each at: 3202, 3208, 3211, 3214, 3217, 3239, 3243, 3247, 3253, 3256, 3259, 3275, 3279, 3282, 3590, 3592, 3610, 3639, 3643, 3671, 3690, 3692

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3202-3692	A/5500 15% MCA

33. PRODUCTION

Date First Production 12-06-84 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping (11 x 64 x 1-1/4) Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
12-08-84	24	14/64		7	24	7	3429

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
	21 psi		7	24	7	34

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

Test Witnessed By  
Harold Swain

35. List of Attachments  
C-104, Inclination Report, Logs

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

SIGNED Larry A. Nunn TITLE Engineer DATE December 14, 1984

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

Janda J No. 5

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy 1285	T. Canyon	T. Ojo Alamo	T. Penn. "D"
T. Salt 1404	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 3035	T. Atoka	T. Fictured Cliffs	T. Penn. "D"
T. Yates 3193	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3390	T. Devonian	T. Menefee	T. Madison
T. Queen 3820	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	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 3202 to 3692	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
1285	1404	119	Anhydrite				
1404	3035	1631	Salt and Anhydrite				
3035	3193	158	Dolomite and Anhydrite				
3193	3390	197	Sandstone and Dolomite				
3390	3820	430	Sandstone and Dolomite				
3820	3900	80	Sandstone and Dolomite				

REC 2 6 1961

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

Form C-114  
Supersedes Old C-114 and  
Effective 1-1-85 **FEEC**

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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator  
**Doyle Hartman**

Address  
**Post Office Box 10426, Midland, Texas 79702**

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

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

If change of ownership give name and address of previous owner \_\_\_\_\_

**I. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>J. F. Janda (NCT-J)</b>	Well No. <b>5</b>	Pool Name, including Formation <b>Jalmat (Oil) Yates-7 Rivers</b>	Kind of Lease State, Federal or Fee State <b>State</b>	Lease # <b>B-2</b>
Location Unit Letter <b>I</b> ; <b>1650</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>East</b> Line of Section <b>4</b> Township <b>23 South</b> Range <b>36 East</b> , NMPM, Lea County				

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

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>The Permian Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1183, Houston, TX 77001</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>El Paso Natural Gas Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1492, El Paso, TX 79978</b>
If well produces oil or liquids, give location of tanks. Unit <b>I</b> Sec. <b>4</b> Twp. <b>23S</b> Rge. <b>36E</b>	Is gas actually connected? <b>Yes</b> When <b>December 27, 1984</b>

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'tv.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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

Date First New Oil Run To 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

**VI. CERTIFICATE OF COMPLIANCE**

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

Michelle Hernandez  
(Signature)  
**Administrative Assistant**  
(Title)  
**December 31, 1984**  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY \_\_\_\_\_  
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 choke 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.

**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 1-1-83

Please hold confidential as long as law allows.

NO. OF COPIES RECEIVED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

**I. Operator**  
 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:  Casinthead Gas:  Condensate:

**CASINGHEAD GAS MUST NOT BE  
FLARED UNLESS AN EXCEPTION TO RULE 111 IS OBTAINED.**

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <u>J. F. Janda (NCT-J)</u>	Well No. <u>5</u>	Pool Name, including Formation <u>Jalpat (Oil) Yates-7 Rivers</u>	Kind of Lease State, Federal or Fee State	Lease No. <u>B-229</u>
Location Unit Letter <u>I</u> ; <u>1650</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line of Section <u>4</u> Township <u>23S</u> Range <u>36E</u> , NMPM, Lea County				

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

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>The Permian Corporation</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 1183, Houston, TX 77001</u>
Name of Authorized Transporter of Casinthead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>El Paso Natural Gas Company</u>	Address (Give address to which approved copy of this form is to be sent) <u>P. O. Box 1492, El Paso, TX 79978</u>
If well produces oil or liquids, give location of tanks. Unit <u>I</u> Sec. <u>4</u> Twp. <u>23S</u> Rge. <u>36E</u>	Is gas actually connected? <u>No</u> When <u>December 18, 1984</u>

**IV. COMPLETION DATA**

Designate Type of Completion - (X) <u>X</u>	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Restv. <input type="checkbox"/>	Diff. Restv. <input type="checkbox"/>
Date Spudded <u>11-09-84</u>	Date Compl. Ready to Prod. <u>12-06-84</u>	Total Depth <u>3900</u>	P.B.T.D. <u>3863</u>					
Elevations (DF, RAB, RT, GR, etc.) <u>3486.7 G.L.</u>	Name of Producing Formation <u>Yates-Seven Rivers</u>	Top Oil/Gas Pay <u>3202</u>	Tubing Depth <u>3828</u>					
Perforations <u>3202-3692 w/22 Yates-Seven Rivers</u>						Depth Casing Shoe <u>3900</u>		

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>12-1/4</u>	<u>9-5/8</u>	<u>423</u>	<u>300 sx (circ)</u>
<u>8-3/4</u>	<u>7</u>	<u>3900</u>	<u>1350 sx (circ)</u>

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

Date First New Oil Run To Tanks <u>12-06-84</u>	Date of Test <u>12-08-84</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pumping (11 x 64 x 1-1/4)</u>	
Length of Test <u>24 hours</u>	Tubing Pressure -----	Casing Pressure <u>21 psi</u>	Choke Size <u>14/64</u>
Actual Prod. During Test	Oil-Bbls. <u>7</u>	Water-Bbls. <u>7</u>	Gas-MCF <u>24</u>

**GAS WELL**

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

**VI. CERTIFICATE OF COMPLIANCE**

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

Larry A. Nemy  
(Signature)  
 Engineer  
(Title)  
 December 14, 1984  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED DEC 20 1984, 19\_\_\_\_

BY ORIGINAL SIGNED BY JERRY SEXTON  
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 deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.  
 All sections of this form must be filled out completely for allowable on new and recompleted wells.  
 Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.  
 Separate Forms C-104 must be filed for each pool in multiple completed wells.

OIL CONSERVATION DIVISION

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

Form C-103  
 Revised 10-1-78

NO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
 State  Free

5. State Oil & Gas Lease No.  
 B-229

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

Doyle Hartman

Address of Operator

Post Office Box 10426, Midland, Texas 79702

Location of Well

UNIT LETTER I 1650 FEET FROM THE South LINE AND 330 FEET FROM

THE East LINE, SECTION 4 TOWNSHIP 23-S RANGE 36-E UNMPPM.

7. Unit Agreement Name

8. Firm or Lease Name  
 J. F. Janda (NCT-J)

9. Well No.  
 5

10. Field and Pool, or Wildcat  
 Jalmat (Oil)

11. Elevation (Show whether DF, RT, GR, etc.)  
 3486.7 G. L.

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   
 TEMPORARILY ABANDON   
 PLUG OR ALTER CASING   
 OTHER

PLUG AND ABANDON   
 CHANGE PLANS

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

ALTERING CASING   
 PLUG AND ABANDONMENT

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 3900'. Ran 117 joints (3904.49') of 7" OD, 26 lb/ft, LT&C casing and landed at 3902' RKB. Cemented casing with 1000 sx of API Class-C cement containing 3% Halliburton Econolite and 1/4 lb/sx Floseal followed by 350 sx of a 50-50 blend of API Class C cement and Pozmix A containing 18% salt and 1/4 lb/sx Floseal. Plug down at 4:00 p.m. CST 11-17-84. Circulated 456 sx of excess cement to pit. Pressure tested casing to 1500 psi and pressure held okay. Released pressure and float held okay.

PLEASE HOLD REPORTS ON THIS WELL CONFIDENTIAL.

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

Michelle Hernandez

TITLE Administrative Assistant

DATE 11-19-84

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE NOV 26 1984

CONDITIONS OF APPROVAL, IF ANY:

NOV 26 1984

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

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

5a. Indicate Type of Lease  
State  Fee   
5. State Oil & Gas Lease No.  
B-229

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL  GAS WELL  OTHER   
1. Name of Operator  
Doyle Hartman  
2. Address of Operator  
Post Office Box 10426 Midland, Texas 79702  
3. Location of well  
UNIT LETTER I 1650 FEET FROM THE South LINE AND 330 FEET FROM East THE LINE, SECTION 4 TOWNSHIP 23S RANGE 36E RMPM.

7. Unit Agreement Name  
8. Firm or Lease Name  
J. F. Janda (NCT-J)  
9. Well No.  
5  
10. Field and Pool, or Windcut  
Jalmat (Oil)

15. Elevation (Show whether DF, RT, GR, etc.)  
3486.7 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 CASINGS <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	

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

Spudded well at 10:30 p.m. CST 11-9-84. Drilled to a total depth of 423'. Ran 11 joints (423.15') of 9-5/8" OD, 36 lb/ft, Grade B, ST&C casing and landed at 423'. Cemented casing with 300 sx of Class-C cement containing 2% CaCl. Plug down at 1:45 P.M. CST 11-10-84. Circulated 30 sx excess cement to pit. WOC 16-1/4 hours. Pressure tested casing to 700 psi. Pressure held okay.

Please hold reports confidential on this well.

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

Prepared by Michelle Hernandez TITLE Administrative Assistant DATE November 14, 1984

APPROVED BY [Signature] DATE NOV 16 1984

CONDITIONS OF APPROVAL, IF ANY:

NOV 20 1984

30-025-28888

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-84

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DISTRIBUTION		
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LE		
S.G.S.		
AND OFFICE		
OPERATOR		

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
B-229

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

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

Name of Operator  
Dovle Hartman

9. Well No.  
5

Address of Operator  
Post Office Box 10426 Midland, Texas 79702

10. Field and Pool, or Wildcat  
Jalmat (Oil)

Location of Well  
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE  
330 FEET FROM THE East LINE OF SEC. 4 TWP. 23 RGE. 36 NMPM

12. County  
Lea



19. Proposed Depth 3900  
19A. Formation Yates-7 Rivers  
20. Rotary or C.T. Rotary

Elevations (Show whether DF, KI, etc.)  
3486.7 G.L.

21A. Kind & Status Plug. Bond Multi-approved  
21B. Drilling Contractor Undetermined  
22. Approx. Date Work will start September 1984

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	36.0	400	600	Surface
8-3/4	7	23.0	3900	700	Surface

The proposed well will be drilled to a total depth of 3900' and will be completed as a Jalmat (Yates-Seven Rivers) oil producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 psi double-ram BOP system. Janda "J" No. 1 present Jalmat oil well on the proration unit is temporarily abandoned and will be recompleted to the Langlie Mattix pool by Gulf.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3/1/85  
UNLESS DRILLING UNDERWAY

NOTE: Any gas produced from the proposed well has previously been dedicated to Northern Natural Gas Company.

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

Michelle Hernandez Title Administrative Assistant Date August 27, 1984

(This space for State Use)

AUG 29 1984

APPROVED BY: TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 30 1984

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION AT

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

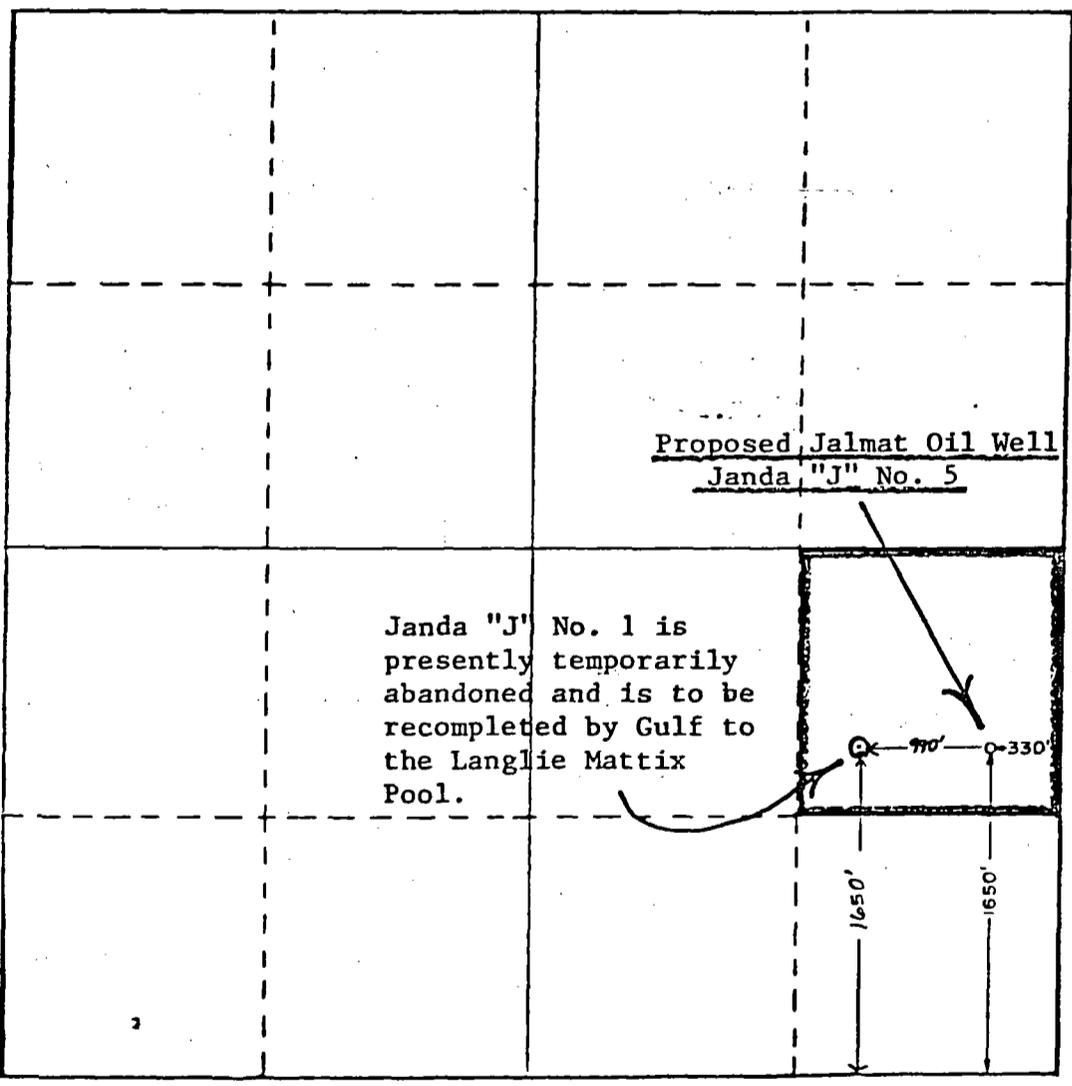
All distances must be from the outer boundaries of the Section

Operator <b>DOYLE HARTMAN</b>		Lease <b>JANDA "J"</b>			Well No. <b>5</b>
Unit Letter <b>1</b>	Section <b>4</b>	Township <b>23 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>SOUTH</b> line and <b>330</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3486.7</b>	Producing Formation <b>Yates-Seven Rivers</b>		Pool <b>Jalmat (Oil)</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

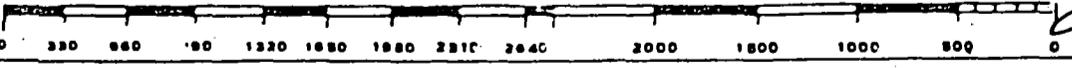
*Larry A. Nermyr*

Name <b>Larry A. Nermyr</b>
Position <b>Engineer</b>
Company <b>Doyle Hartman</b>
Date <b>August 27, 1984</b>

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 <b>8-23-84</b>
Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **JOHN W. WEST, 676**  
**ALL R. J. EDSON, 3239**



Sec 4 Township No. 23 South of Range No. 36E, N.M.P.M.,  
 County Rea, New Mexico.

			Doyle Hardman J.F. Janda (NET-3) Well No. 5 1650' FS - 330' FEL Spd: 11/19/84 Jalmat Comp. Cumulative Production as of 12/31/84! Gas - 1405 MCF
		NSP-605, 7/26/62 Doyle Hardman J.F. Janda (NET-3) Well No. 1 1650' FS - 990' FEL Spd: 4/10/54 Jalmat (Gas) Completion Cumulative Production as of 11/1983 when well was TA'd Gas - 132244 MCF Oil - 29242 B.O.	O.I - 352 B.O.
	Gulf Oil Corp. J.F. Janda (NET-3) Well No. 4		
	1480' FS + EL Spd: 2/17/61 PPA: 1/8/62 Langlic Mattix Test		
	Gulf Oil Corporation J.F. Janda (NET-3) Well No. 3 Spd: 12/1/58 Langlic Mattix Comp. Re-Comp. to Jalmat Reg. 1973 (O.I) Cumulative Prod. Gas - 13141 MCF O.I - 18 B.O. TA'd: 1978		

NSP-605

Chevron U.S.A. Inc.  
 J.F. Janda (NET-3) Well No. 2  
 660' FS + EL  
 Spd: 3/29/57  
 Langlic Mattix Comp.

July 26, 1962

Gulf Oil Corporation  
P. O. Drawer 1938  
Roswell, New Mexico

Attention: Mr. W. A. Shellbear

Administrative Order MSP-605

Gentlemen:

Reference is made to your application for approval of a 160-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the following acreage:

LEA COUNTY, NEW MEXICO  
TOWNSHIP 23 SOUTH, RANGE 16 EAST, NMPA  
Section 4: SE/4

It is understood that this unit is to be dedicated to your J. F. Janda "J" Well No. 1, located 1650 feet from the South line and 990 feet from the East line of said Section 4.

By authority granted me under the provisions of the Special Rules and Regulations for the Jalmat Gas Pool, you are hereby authorized to operate the above-described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with the pool rules, based upon the unit size of 160 acres.

Very truly yours,

A. L. POMER, JR.,  
Secretary-Director

ALP/JMD/esr

cc: Oil Conservation Commission - Hobbs  
Oil & Gas Engineering Committee - Hobbs

**DOYLE HARTMAN**

*Oil Operator*

500 N. MAIN

P. O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

OIL CONSERVATION DIVISION

August 27, 1984

SEP - 4 1984

RECEIVED

Mr. R. L. Stamets  
State of New Mexico  
Energy & Minerals Department  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Re: J. F. Janda NCT-J No. 5  
N/2 SE/4 Section 4  
T-23-S, R-36-E  
Lea County, New Mexico  
1) Non-Standard Proration  
Unit  
2) Non-Standard Location  
3) Notice of Section 103  
Infill Application

Gentlemen:

We are currently filing NMOCDD forms C-101 and C-102 with the Hobbs District Office for permission to drill our newly proposed J. F. Janda NCT-J No. 5 as a Jalmat (Oil) well to be located at a standard Jalmat (Oil) location consisting of 1650' from South line and 330' from East line (I) Section 4, T-23-S, R-36-E, Lea County, New Mexico. We anticipate completing the proposed J. F. Janda NCT-J No. 5 as a Jalmat (Oil) well; however, we are making this application for a non-standard Jalmat (Gas) proration unit and a non-standard Jalmat (Gas) location in the remote chance the well has to be completed as a Jalmat (Gas) well.

Therefore, although we anticipate the completion of a Jalmat (Oil) well, in the event the J. F. Janda NCT-J No. 5 is completed as a Jalmat (Gas) well, we request approval of an 80-acre non-standard Jalmat (Gas) proration unit consisting of N/2 SE/4 Section 4, T-23-S, R-36-E, Lea County, New Mexico.

The 80-acre tract that is to be dedicated to our proposed J. F. Janda NCT-J No. 5 has previously been part of the 160-acre proration unit consisting of SE/4 Section 4, T-23-S, R-36-E that was dedicated to Gulf's J. F. Janda NCP-J No. 1 well. However, this well is presently temporarily abandoned and Gulf plans in the near future to deepen the J. F. Janda NCT-J No. 1 to the Langlie Mattix pool. Therefore, in the event our J. F. Janda NCT-J No. 5 is completed as a Jalmat (Gas) well, it will be the only well on the new 80-acre proration unit consisting of N/2 SE/4 Section 4.

Mr. R. L. Stamets  
August 27, 1984  
Page 2

Furthermore, if the proposed well is completed as a commercial producer and in compliance with the Natural Gas Policy of 1978, an application will also be submitted to the New Mexico Oil Conservation Division to obtain administrative approval for the well as a Section 103 infill well.

Three copies of a land plat showing the location of the original Jalmat (Gas) well on the 80-acre proration unit plus the location of the proposed new infill well are also enclosed.

Copies of the enclosed application have also been sent by certified mail to all offsetting parties owning Jalmat Gas rights. The following is a list of the only three offsetting Jalmat Gas owners:

Sun Exploration & Production Co.  
One Petroleum Center  
Suite 204, Building 8  
North "A" at Wadley  
Midland, Texas 79705

Attention: J. T. Power  
Conservation Consultant

ARCo Oil & Gas Company  
Post Office Box 1610  
Midland, Texas 79702

Attention: Mr. Craig Payken  
Area Engineer

Gulf Oil Exploration & Production Co.  
Post Office Box 1150  
Midland, Texas 79702

Attention: C. F. Kalteyer  
Chief Proration Engineer

Thank you for your consideration.

Very truly yours,

DOYLE HARTMAN

*Michelle Hembree*

Michelle Hembree  
Administrative Assistant

MH/csh

Enclosures as above

Mr. R. L. Stamets  
August 27, 1984  
Page 3

cc: New Mexico Oil Conservation Division  
District I Office  
Post Office Box 1980  
Hobbs, New Mexico 88240

Attention: Jerry Sexton

Mr. William F. Carr  
Campbell, Byrd, and Black, P.A.  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
308 Wall Towers West  
Midland, Texas 79701

Mr. James A. Davidson  
Post Office Box 494  
Midland, Texas 79702

Northern Natural Gas Company  
2223 Dodge Street  
Omaha, Nebraska 68102

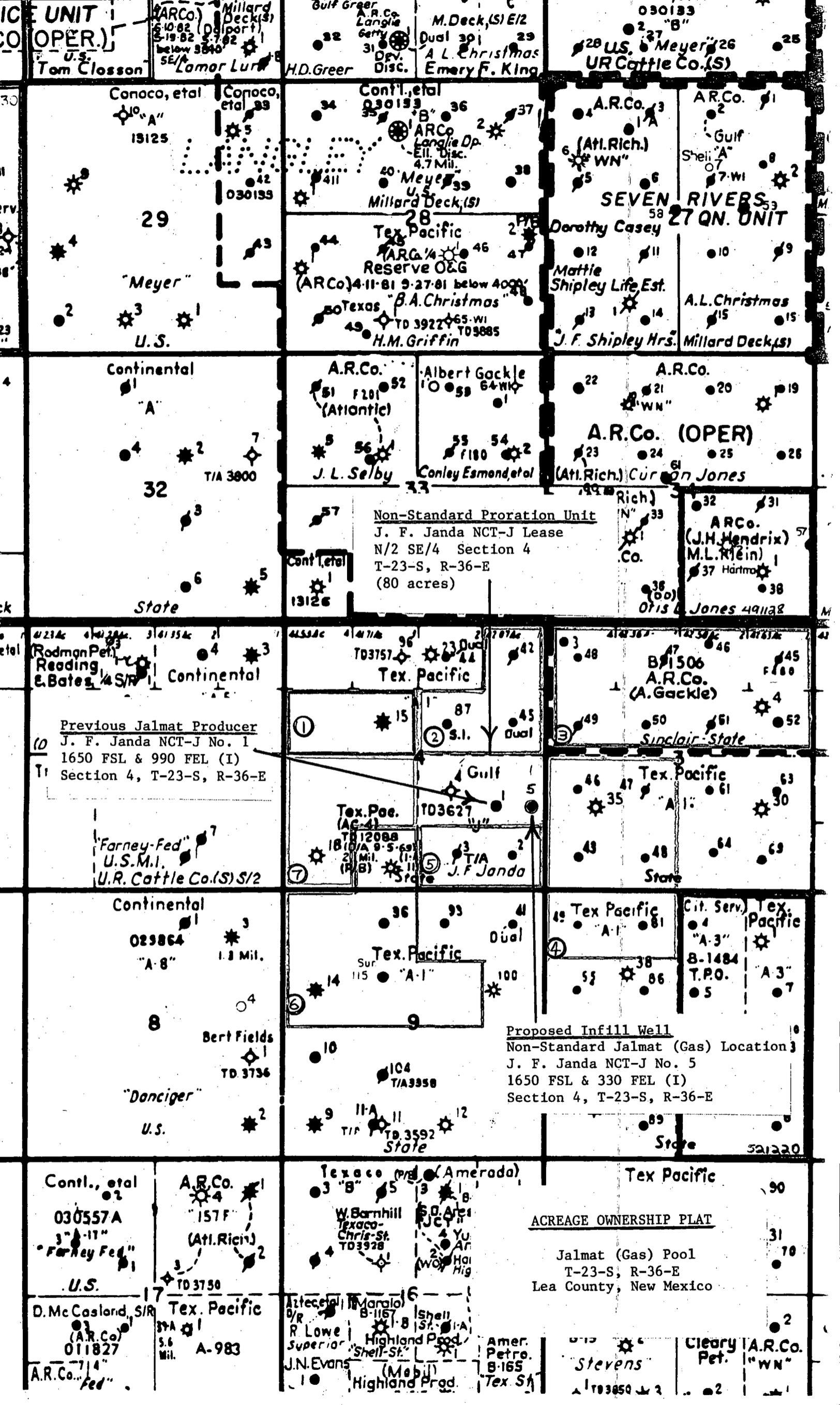
Attention: Mr. Dennis Brune

Northern Natural Gas Company  
Texas American Bank Bldg.  
Suite 400  
Midland, Texas 79701

Attention: Mr. G. R. Feiner  
Well Connect Coordinator

Mr. Dale E. Lockett  
9212 McCabe Drive  
El Paso, Texas 79928

Mr. Daniel S. Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501



UNIT OPER.)  
U.S.  
Tom Closson

Millard Deck (S)  
030133  
030133  
Lamar Lura

Gulf Greer  
A.R.Co. Langlie Gerry  
H.D. Greer

M. Deck, (S) E/2  
Dual 301  
A.L. Christmas  
Emery F. King

030133  
"B"  
27  
28 U.S. Meyer  
UR Cattle Co. (S)

Conoco, etal  
10 "A"  
13125  
29  
"Meyer"  
U.S.

Cont'l, etal  
030133  
"B"  
ARCO  
Langlie Dp.  
Ell. Disc.  
4.7 Mil.  
U.S. Meyer  
Millard Deck, (S)  
Tex. Pacific  
ARCO 1/4  
Reserve O&G  
(ARCO) 4-11-81 9-27-81 below 4000'  
Texas "B.A. Christmas"  
TD 39227 65-WI  
T09885  
H.M. Griffin

A.R.Co. 13  
(Atl. Rich.)  
WN"  
SEVEN RIVERS  
Dorothy Casey  
Mattie Shipley Life Est.  
J.F. Shipley Hrs.  
ARCO. 1  
Gulf  
Shell "A"  
7-WI  
27 QN. UNIT  
A.L. Christmas  
Millard Deck (S)

Continental  
"A"  
32  
TIA 3800  
State

A.R.Co.  
51 F201  
(Atlantic)  
J.L. Selby  
Albert Gackle  
10 59 64-WI  
53 54  
F180  
Conley Esmond, etal

A.R.Co.  
22  
"WN"  
A.R.Co. (OPER)  
(Atl. Rich.) Curran Jones  
Non-Standard Proration Unit  
J. F. Janda NCT-J Lease  
N/2 SE/4 Section 4  
T-23-S, R-36-E  
(80 acres)  
Rich)  
N"  
Co.  
ARCO.  
(J.H. Hendrix)  
M.L. Klein  
37 Hartman  
38  
O.P. Jones 491128

Rodman Perkins  
Reading  
& Bates  
Continental  
Previous Jalmat Producer  
J. F. Janda NCT-J No. 1  
1650 FSL & 990 FEL (I)  
Section 4, T-23-S, R-36-E  
"Farney-Fed"  
U.S.M.I.  
U.R. Cattle Co. (S) S/2

Cont'l, etal  
13125  
Tex. Pacific  
96  
TD 3757  
15  
S.I.  
Dual  
45  
Gulf  
Tex. Pac.  
(AG-4)  
TD 12088  
18 (O/A 9-5-69)  
2 (I/A)  
(P/B)  
J.F. Janda  
State

48  
47  
B1506  
A.R.Co.  
(A. Gackle)  
49  
50  
Sinclair State  
46  
47  
Tex. Pacific  
A-1  
61  
63  
30  
48  
64  
69  
State

Continental  
029864  
"A-8"  
1.8 Mil.  
8  
Bert Fields  
TD 3736  
"Danciger"  
U.S.

Tex. Pacific  
Sur  
115  
"A-1"  
104  
T/A 9358  
10  
11-A  
11  
TD 3592  
State

Tex Pacific  
A-1  
81  
4  
Cit. Serv.) Tex. Pacific  
"A-3"  
8-1484  
T.P.O.  
5  
"A-3"  
7  
Proposed Infill Well  
Non-Standard Jalmat (Gas) Location 3  
J. F. Janda NCT-J No. 5  
1650 FSL & 330 FEL (I)  
Section 4, T-23-S, R-36-E  
89  
State  
321220

Contl., etal  
030557A  
"Farney Fed"  
U.S.  
D. McCasland, S/R  
(A.R.Co.)  
011827  
A.R.Co. "Fed"

Texaco (Amerada)  
3 "B"  
5  
W. Barnhill  
Texaco  
Chris-St.  
TD 3928  
50 Acres  
JCT  
4 Yu  
Ar  
Wol  
Hig

Tex Pacific  
90  
ACREAGE OWNERSHIP PLAT  
Jalmat (Gas) Pool  
T-23-S, R-36-E  
Lea County, New Mexico  
31  
70

Tex. Pacific  
37A  
5.6  
Mil.  
A-983

Attecatl  
R/R  
R. Lowe  
Superior  
J.N. Evans  
Maralol  
B-1157  
Shell  
St.  
Highland Prod.  
Shell-St.  
(Mobil)  
Highland Prod.

Amer. Petro.  
B-165  
Tex. St.  
Stevens  
1703850  
Cleary  
Pet.  
"WN"

List of Offset Jalmat (Gas) Operators  
 Doyle Hartman  
 J. F. Janda NCT-J No. 5  
 N/2 SE/4 Section 4  
 T-23-S, R-36-E  
 Lea County, New Mexico  
 (80 acres)

<u>TRACT</u>	<u>OPERATORS</u>	<u>LEASE AND WELL NAMES (S)</u>	<u>GAS WELL LOCATION(S)</u>	<u>UNIT DESCRIPTION</u>	<u>NUMBER OF ACRES</u>
1	Sun Exploration & Production Co.	State A AC/1 No. 15	F-4-23S-36E	S/2 NW/4 Section 4 T-23-S, R-36-E	80
2	Sun Exploration & Production Co.	State A AC/1 Lease	No Active Well	S/2 NE/4 and NE/4 NE/4 Section 4, T-23-S, R-36-E	120
3	ARCo Oil & Gas Co.	Sinclair State B No. 1	H-3-23S-36E	N/2 Section 3 T-23-S, R-36-E	320
4	Sun Exploration & Production Co.	State A AC/1 No. 35	L-3-23S-36E	SW/4 Section 3 & N/2 NW/4 Section 10 T-23-S, R-36-E	240
5	Gulf Oil Exploration & Production Co.	J. F. Janda NCT-J Lease	No Active Well	S/2 SE/4 Section 4 T-23-S, R-36-E	80
6	Sun Exploration & Production Co.	State A AC/1 No. 111	N-4-23S-36E	SE/4 SW/4 Section 4 NW/4 & SW/4 NE/4 Section 9 T-23-S, R-36-E	240
7	Sun Exploration & Production Co.	State A AC/1 No. 18	M-4-23S-36E	N/2 SW/4 & SW/4 SW/4 Section 4, T-23-S, R-36-E	120

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
B-229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well  
DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

2. Name of Operator  
Doyle Hartman

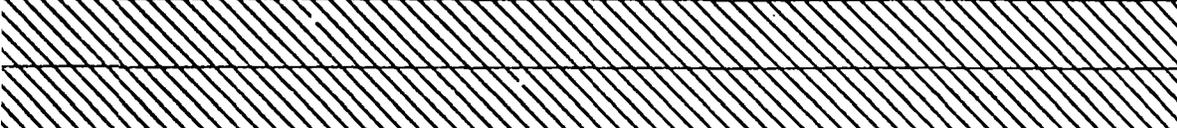
9. Well No.  
5

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

10. Field and Pool, or Wildcat  
Jalmat (Oil)

4. Location of Well  
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE  
AND 330 FEET FROM THE East LINE OF SEC. 4 TWP. 23 RGE. 36 NMPM

12. County  
Lea



19. Proposed Depth 3900  
19A. Formation Yates-7 Rivers  
20. Rotary or C.T. Rotary

21. Elevations (Show whether DF, RT, etc.) 3486.7 G.L.  
21A. Kind & Status Plug. Bond Multi-approved  
21B. Drilling Contractor Undetermined  
22. Approx. Date Work will start September 1984

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	36.0	400	600	Surface
8-3/4	7	23.0	3900	700	Surface

The proposed well will be drilled to a total depth of 3900' and will be completed as a Jalmat (Yates-Seven Rivers) oil producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 psi double-ram BOP system. Janda "J" No. 1 present Jalmat oil well on the proration unit is temporarily abandoned and will be recompleted to the Langlie Mattix pool by Gulf.

NOTE: Any gas produced from the proposed well has previously been dedicated to Northern Natural Gas Company.

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 Michelle Hernandez Title Administrative Assistant Date August 27, 1984

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS 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

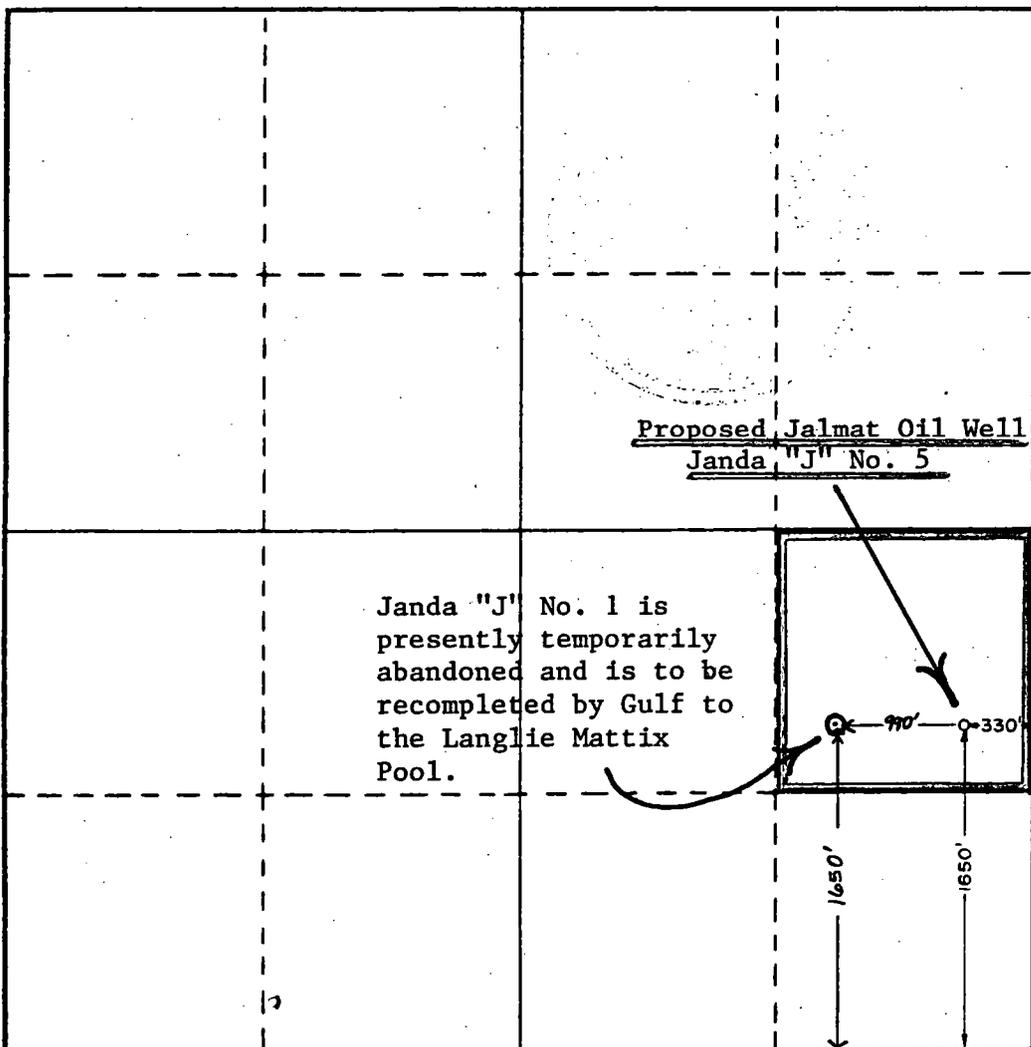
Operator <b>DOYLE HARTMAN</b>		Lease <b>JANDA "J"</b>			Well No. <b>5</b>
Unit Letter <b>I</b>	Section <b>4</b>	Township <b>23 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>SOUTH</b> line and <b>330</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3486.7</b>	Producing Formation <b>Yates-Seven Rivers</b>		Pool <b>Jalmat (Oil)</b>		Dedicated Acreage: <b>40</b> Acres

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

Yes     No    If answer is "yes," type of consolidation \_\_\_\_\_

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

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



<b>CERTIFICATION</b>	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
<i>Larry A. Nermyr</i>	
Name	<b>Larry A. Nermyr</b>
Position	<b>Engineer</b>
Company	<b>Doyle Hartman</b>
Date	<b>August 27, 1984</b>
<i>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.</i>	
Date Surveyed	<b>8-23-84</b>
Registered Professional Engineer and/or Land Surveyor	
<i>John W. West</i>	
Certificate No.	<b>JOHN W. WEST, 676</b>
	<b>RONALD J. EIDSON, 3239</b>

**DOYLE HARTMAN**

*Oil Operator*  
500 N. MAIN  
P. O. BOX 10426  
MIDLAND, TEXAS 79702  

---

**(915) 684-4011**

OIL CONSERVATION DIVISION

SEP - 4 1984

August 27, 1984

**RECEIVED**

Mr. R. L. Stamets  
State of New Mexico  
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[REDACTED]

Mr. R. L. Stamets  
August 27, 1984  
Page 2

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Area Engineer

Gulf Oil Exploration & Production Co.  
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Attention: C. F. Kalteyer  
Chief Proration Engineer

Thank you for your consideration.

Very truly yours,

DOYLE HARTMAN

*Michelle Hembree*

Michelle Hembree  
Administrative Assistant

MH/csh

Enclosures as above

Mr. R. L. Stamets  
August 27, 1984  
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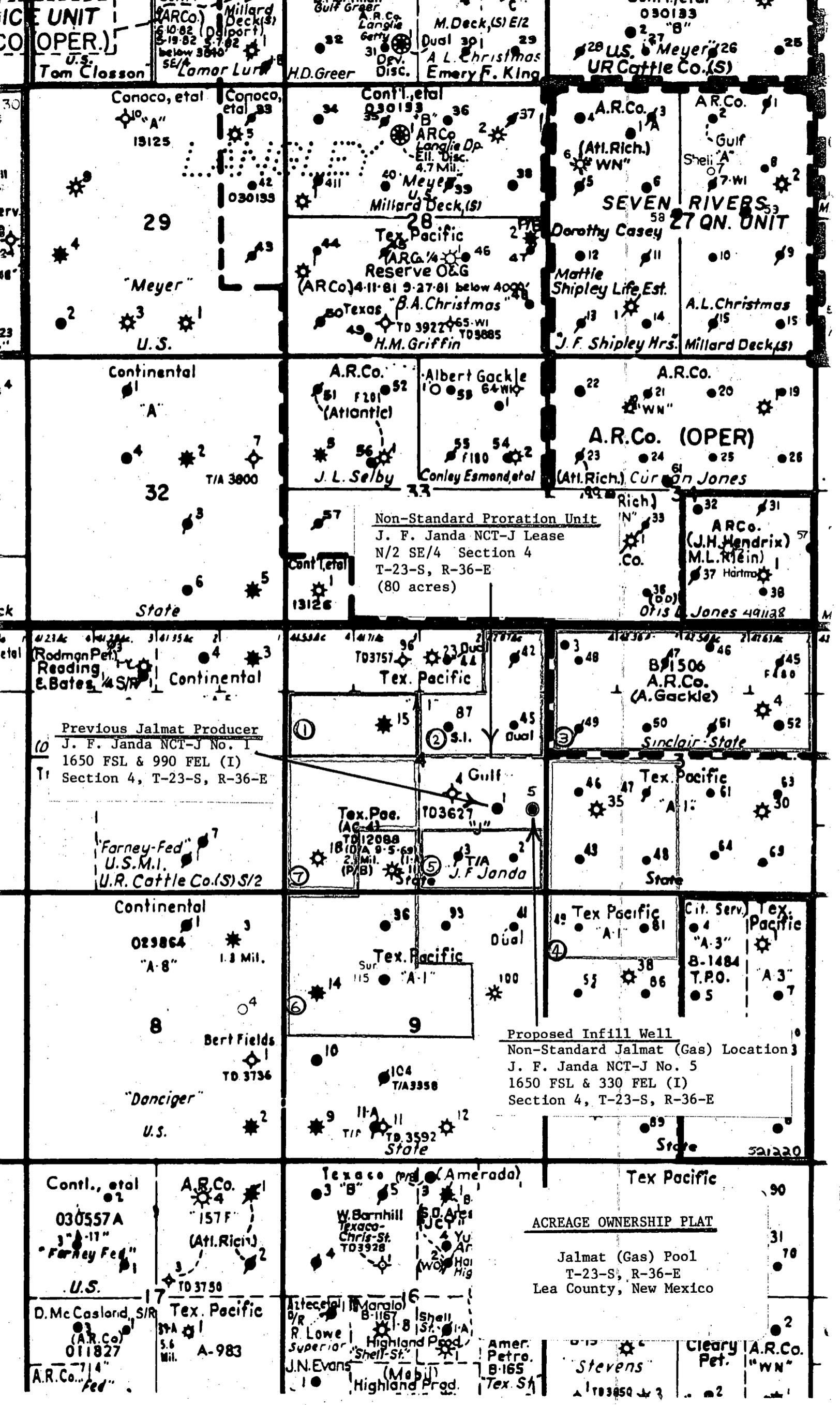
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Attention: Mr. G. R. Feiner  
Well Connect Coordinator

Mr. Dale E. Lockett  
9212 McCabe Drive  
El Paso, Texas 79928

Mr. Daniel S. Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501



UNIT  
OPER.)  
U.S.  
Tom Closson

Millard Deck(s)  
6-10-82 (Dgport)  
5-19-82 2-7-82  
below 3840  
SE/4  
Lamar Lur

Gulf Greer  
Langie  
Gery  
31  
Dr. Disc.

M. Deck, (S) E/2  
Dual 301 29  
A. L. Christmas  
Emery F. King

030133  
2 "B"  
20 U.S. Meyer 26  
UR Cattle Co. (S)

Conoco, etal  
10 "A"  
15125  
29  
"Meyer"  
U.S.

Cont'l, etal  
030133  
"B"  
ARCo  
Langie Dp.  
Ell. Disc.  
4.7 Mil.  
Meyer  
U.S.  
Millard Deck, (S)

A.R.Co. 3  
6 (Atl. Rich.)  
"WN"  
SEVEN RIVERS  
Dorothy Casey  
Mattie Shipley Life Est.  
J. F. Shipley Hrs.  
A.L. Christmas  
Millard Deck, (S)

Continental  
"A"  
32  
T/A 3800  
State

A.R.Co.  
51 F201  
(Atlantic)  
J. L. Selby

A.R.Co.  
22  
"WN"  
A.R.Co. (OPER)  
(Atl. Rich.) Curran Jones

Non-Standard Proration Unit  
J. F. Janda NCT-J Lease  
N/2 SE/4 Section 4  
T-23-S, R-36-E  
(80 acres)

ARCo.  
(J.H. Hendrix)  
M.L. Klein  
37 Hartman  
Jones 491128

Previous Jalmat Producer  
J. F. Janda NCT-J No. 1  
1650 FSL & 990 FEL (I)  
Section 4, T-23-S, R-36-E  
"Farney-Fed"  
U.S.M.I.  
U.R. Cattle Co. (S) S/2

Tex. Pacific  
15  
87  
S.I.  
Dual

B-1506  
A.R.Co.  
(A. Gackie)  
Sinclair State

Tex. Pac.  
(AC-4)  
TD12088  
1810A 9-5-69  
2.1 Mil.  
(P/B)  
State  
J. F. Janda

Tex. Pacific  
46 47  
35 "A-1"  
61  
48 64  
69  
State

Continental  
029864  
"A-8"  
1.3 Mil.  
8  
Bert Fields  
TD 3736  
"Danciger"  
U.S.

Tex. Pacific  
Sur.  
115  
"A-1"  
9  
104  
T/A 3958

Tex. Pacific  
49  
"A-1"  
81  
38  
55 86  
State

Proposed Infill Well  
Non-Standard Jalmat (Gas) Location 3  
J. F. Janda NCT-J No. 5  
1650 FSL & 330 FEL (I)  
Section 4, T-23-S, R-36-E

Contl., etal  
030557A  
"Farney Fed"  
U.S.

Texaco (Amerada)  
3 "B"  
W. Barnhill  
Texaco-  
Chris-St.  
TD3928  
50 Acres  
JCT  
4 Yu.  
Ar.  
(WO)  
Hai  
Hig

Tex Pacific  
ACREAGE OWNERSHIP PLAT  
Jalmat (Gas) Pool  
T-23-S, R-36-E  
Lea County, New Mexico

D. Mc Casland, S/R  
ARCo.  
011827  
"714"  
Fed

ARCo.  
157F  
(Atl. Rich.)  
TD 3750  
Tex. Pacific  
37A  
5.6  
Mil.  
A-983  
J.N. Evans  
Superior  
Highland Prod.  
Shell-St.  
(Mobil)  
Highland Prod.

Amer. Petro.  
B-165  
Tex. St.  
Stevens  
1703850  
Cleary  
Pet.  
"WN"

List of Offset Jalmat (Gas) Operators

Doyle Hartman  
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 T-23-S, R-36-E  
 Lea County, New Mexico  
 (80 acres)

<u>TRACT</u>	<u>OPERATORS</u>	<u>LEASE AND WELL NAMES (S)</u>	<u>GAS WELL LOCATION(S)</u>	<u>UNIT DESCRIPTION</u>	<u>NUMBER OF ACRES</u>
1	Sun Exploration & Production Co.	State A AC/1 No. 15	F-4-23S-36E	S/2 NW/4 Section 4 T-23-S, R-36-E	80
2	Sun Exploration & Production Co.	State A AC/1 Lease	No Active Well	S/2 NE/4 and NE/4 NE/4 Section 4, T-23-S, R-36-E	120
3	ARCo Oil & Gas Co.	Sinclair State B No. 1	H-3-23S-36E	N/2 Section 3 T-23-S, R-36-E	320
4	Sun Exploration & Production Co.	State A AC/1 No. 35	L-3-23S-36E	SW/4 Section 3 & N/2 NW/4 Section 10 T-23-S, R-36-E	240
5	Gulf Oil Exploration & Production Co.	J. F. Janda NCT-J Lease	No Active Well	S/2 SE/4 Section 4 T-23-S, R-36-E	80
6	Sun Exploration & Production Co.	State A AC/1 No. 111	N-4-23S-36E	SE/4 SW/4 Section 4 NW/4 & SW/4 NE/4 Section 9 T-23-S, R-36-E	240
7	Sun Exploration & Production Co.	State A AC/1 No. 18	M-4-23S-36E	N/2 SW/4 & SW/4 SW/4 Section 4, T-23-S, R-36-E	120

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ANTA FE		
ILE		
S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-85

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
B-229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. Type of Work  
DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

9. Well No.  
5

10. Field and Pool, or Wildcat  
Jalmat (Oil)

Name of Operator  
Doyle Hartman

Address of Operator  
Post Office Box 10426 Midland, Texas 79702

12. County  
Lea

Location of Well  
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE  
D 330 FEET FROM THE East LINE OF SEC. 4 TWP. 23 RGE. 36 NMPM

19. Proposed Depth  
3900

19A. Formation  
Yates-7 Rivers

20. Rotary or C.T.  
Rotary

21A. Kind & Status Plug. Bond  
Multi-approved

21B. Drilling Contractor  
Undetermined

22. Approx. Date Work will start  
September 1984

Elevations (Show whether DF, KI, etc.)  
3486.7 G.L.

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	36.0	400	600	Surface
8-3/4	7	23.0	3900	700	Surface

The proposed well will be drilled to a total depth of 3900' and will be completed as a Jalmat (Yates-Seven Rivers) oil producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 psi double-ram BOP system. Janda "J" No. 1 present Jalmat oil well on the proration unit is temporarily abandoned and will be recompleted to the Langlie Mattix pool by Gulf.

NOTE: Any gas produced from the proposed well has previously been dedicated to Northern Natural Gas Company.

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

Michelle Nemere Title Administrative Assistant Date August 27, 1984

(This space for State Use)

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

APPROVAL, IF ANY:

PROVED &  
NOTIONS O  
REV  
END

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

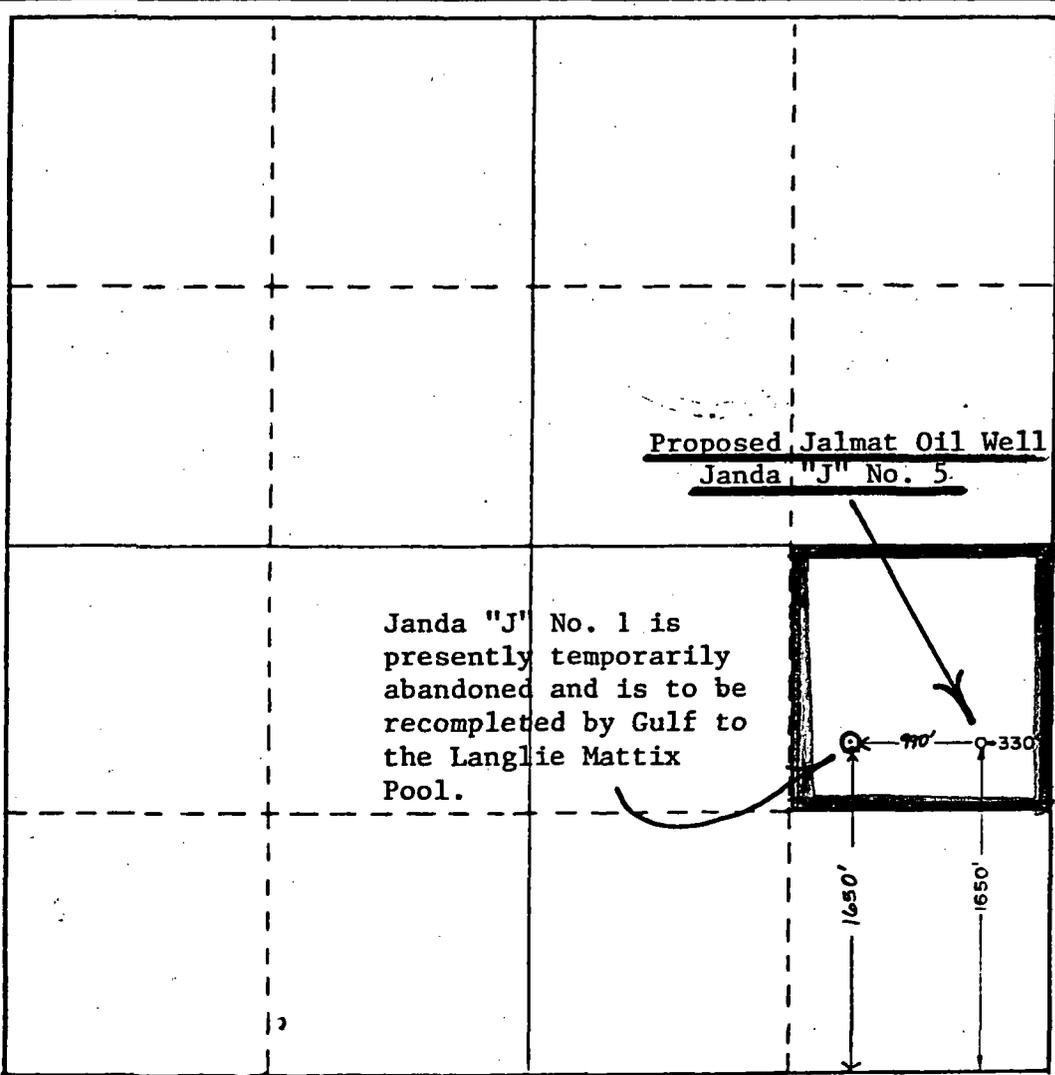
Operator DOYLE HARTMAN		Lease JANDA "J"		Well No. 5
Unit Letter I	Section 4	Township 23 SOUTH	Range 36 EAST	County LEA
Actual Footage Location of Well: 1650 feet from the SOUTH line and 330 feet from the EAST line				
Ground Level Elev. 3486.7	Producing Formation Yates-Seven Rivers	Pool Jalmat (Oil)	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.

*Larry A. Nermyr*

Name	Larry A. Nermyr
Position	Engineer
Company	Doyle Hartman
Date	August 27, 1984

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	8-23-84
Registered Professional Engineer and/or Land Surveyor	

*John W. West*  
Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239



**JALMAT GAS POOL**  
Lea County, New Mexico

Order No. R-1670, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Southeastern New Mexico, for the Jalmat Gas Pool, Lea County, New Mexico, May 20, 1960.

(Order No. R-1670 Supersedes Order No. R-264, Creating the Jalco and Langmat Gas Pools, Lea County, New Mexico, February 17, 1953, as Amended by Order No. R-264-A, November 10, 1953; Order No. R-356, Adopting Rules for Gas Wells in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, August 28, 1953; Order No. R-368, September 28, 1953; Order No. R-368-A, November 10, 1953; Order No. R-368-B, December 7, 1953; Order No. R-520, August 12, 1954; Order No. R-520-A, August 31, 1954; Order No. R-553, November 22, 1954; Order No. R-640, May 27, 1955; Order No. R-663, July 7, 1955; Order No. R-690, October 13, 1955; Order No. R-967, April 23, 1957. (Order No. R-1092-A, January 1, 1958; Order No. R-1092-B, February 19, 1958; and Order No. R-1092-C, April 25, 1958, were declared void by the Supreme Court of the State of New Mexico in Continental Oil Company et al. v. Oil Conservation Commission et al., 70 N.M. 310, 373 P.2d 809 (1962), whereupon the Jalmat Gas Pool reverted to a straight acreage allocation formula.)

(The Jalmat Gas Pool was created effective September 1, 1954 from a consolidation of the Jalco and Langmat Pools, which were created February 7, 1953. Gas prorationing was instituted in Jalco and Langmat January 1, 1954 and was continued after consolidation to form the Jalmat Gas Pool. The Jalmat Gas Pool now includes acreage that was formerly included in the Jal, Cooper-Jal, Eaves, Falby-Yates, Jalco, and Langmat Pools.)

**A. WELL LOCATION AND ACREAGE REQUIREMENTS**

**RULE 5(A).** A standard gas proration unit in the Jalmat Gas Pool shall be 640 acres.

**RULE 5(B).** Any well drilled to and producing from the Jalmat Gas Pool, as defined herein, prior to September 1, 1954 at a location conforming with the spacing requirements effective at the time said well was drilled shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.

**C. ALLOCATION AND GRANTING OF ALLOWABLES**

**RULE 8(A).** The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the pool.

**RULE 8(B).** Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing Form C-104, Form C-110, and a plat (Form C-128), whichever date is later.

**G. GENERAL**

**RULE 22.** No gas, either dry gas or casinghead gas, shall be flared or vented from any well at any time after ninety (90) days from the date such well is completed. Any operator who desires to obtain an exception to the provisions of Rule 22 of Section I of this order shall submit to the Secretary-Director of the Commission an application for such exception with a sworn statement setting forth the facts and circumstances justifying such exception. The Secretary-Director is hereby author-

ized to grant such an exception whenever the granting of the exception is reasonably necessary to protect correlative rights, prevent waste, or prevent undue hardships on the applicant under all the acts and circumstances as set forth in the statement. The Secretary-Director shall either (a) grant the exception within 15 days after receipt of the application and statement or (b) thereafter set the application for hearing by the Commission at a regular monthly hearing; provided, however, that no such applicant shall incur any penalty by reason of a delay in setting the application for hearing. Notice of hearing of the application shall be published in the manner provided by law and the Rules of the Commission. If the exception is granted by the Secretary-Director, a list of such exceptions shall be distributed in the Commission's regular mailing list.

The flaring or venting of gas from any well in violation of any provision of this rule will result in suspension of any further allowable until further order of the Commission.

**RULE 22(A).** Within 15 days after any oil or gas well within the boundaries of the Jalmat Gas Pool is connected to a gas transportation facility, the operator shall file Form C-110 designating the disposition of gas from the well.

**RULE 22(B).** No extraction plant processing any gas from the Jalmat Gas Pool shall flare or vent such gas unless such flaring or venting is made necessary by mechanical difficulties or unless the gas flared or vented is of no commercial value.

**H. MISCELLANEOUS SPECIAL POOL RULES**

**RULE 25(A).** The vertical limits of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 100 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation, except,

**RULE 25(B).** In the area described immediately below, the vertical limits of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 250 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation:

**TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM**

Section 13: SE/4 NE/4, SE/4  
Section 23: E/2 E/2  
Section 24: All  
Section 25: N/2  
Section 26: E/2 NE/4

**TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM**

Section 18: SW/4 NW/4, W/2 SW/4  
Section 19: W/2  
Section 30: NW/4

**RULE 26(A).** A gas well shall mean a well producing with a gas-oil ratio in excess of 100,000 cubic feet of gas per barrel of oil.

**RULE 26(B).** A well producing from the Jalmat Gas Pool and not classified as a gas well shall be classified as an oil well.

**RULE 26(C).** Oil wells producing from the Jalmat Gas Pool shall be allowed to produce a volume of gas each day not exceeding the daily normal unit oil allowable multiplied by 10,000; provided, however, that such wells shall not be allowed to produce oil in excess of the normal unit allowable as ordered by the Commission under the provisions of Rule 505.

**RULE 27.** That portion of the Rhodes Storage Area lying within the defined limits of the Jalmat Gas Pool shall be exempted from the applicable provisions of the Jalmat Gas Pool Rules. The Rhodes Storage Area shall include the following described area:

(JALMAT GAS POOL—Cont'd.)

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM

- Section 4: W/2 NW/4, SE/4 SE/4, W/2 SE/4, SW/4
- Section 5: All
- Section 6: NE/4 NW/4, NE/4, SE/4 SE/4, N/2 SE/4
- Section 7: NE/4 NE/4
- Section 8: N/2, N/2 S/2, SE/4 SW/4, S/2 SE/4
- Section 9: All
- Section 10: W/2 NW/4, SE/4 NW/4, S/2
- Sections 15 and 16: All
- Section 17: E/2 NW/4, E/2
- Sections 21 and 22: All
- Section 23: SW/4 NW/4, SW/4
- Sections 26, 27, and 28: All
- Section 29: E/2 NE/4

RULE 28. The dual completion of a well so as to produce oil from the Yates and oil from the Seven Rivers or Queen formations is hereby prohibited.

RULE 29. Acreage dedicated to a gas well in the Jalmat Gas Pool shall not be simultaneously dedicated to an oil well in the Jalmat Gas Pool.

(General Pool Rules also apply unless in conflict with these Special Pool Rules)

JUSTIS GAS POOL  
Lea County, New Mexico

Order No. R-1670, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Southeastern New Mexico, for the Justis Gas Pool, Lea County, New Mexico, May 20, 1960.

(Order No. R-1670 Supersedes Order No. R-264-A, November 10, 1953, Order No. R-356, Adopting Rules for Gas Wells in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, August 28, 1953; Order No. R-375, September 8, 1953; Order No. R-375-A, November 10, 1953; Order No. R-586, April 11, 1955; Order No. R-586-A, May 18, 1955; Order No. R-586-C, October 3, 1957; Order No. R-586-E, February 12, 1959; Order No. R-586-F, May 13, 1959; and Order No. R-967, April 23, 1957.)

(The Justis Gas Pool was created January 1, 1950, and gas proration was instituted January 1, 1954. The standard proration unit was changed from 160 acres to 320 acres October 3, 1957.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 5(A). A standard gas proration unit in the Justis Gas Pool shall be 320 acres.

C. ALLOCATION AND GRANTING ALLOWABLES

RULE 8(A). The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the Pool.

RULE 8(B). Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing Form C-104, Form C-110 and a plat (Form C-128), or the date of application for a non-standard gas proration unit as provided in Rule 5-C, of the General Rules.

H. MISCELLANEOUS SPECIAL POOL RULES

RULE 25(A). The vertical limits of the Justis Gas Pool shall be defined as follows:

From the top of the Glorieta formation, found at a depth of 4599 feet (Elevation 3080, Subsea Datum -1519) in the Gulf Oil Corporation McBuffington Well No. 8, located 350 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, N.M.P.M. Lea County, New Mexico, to a point 40 feet above the marker encountered at 4879 feet (Subsea Datum -1799) in said McBuffington Well No. 8.

RULE 25 (B). The Hamilton Dome Westates Carlson Federal "A" Well No. 1, located in the NW/4 of Section 25, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as the completion existed on April 22, 1959, shall be considered to be completed within the vertical limits of the Justis Gas Pool.

(General Pool Rules also apply unless in conflict with these Special Pool Rules)

**DOYLE HARTMAN**

*Oil Operator*

500 N. MAIN

P.O. BOX 10428  
MIDLAND, TEXAS 79702

(915) 694-4011

January 7, 1985

CONSERVATION DIVISION  
JAN 10 1985

RECEIVED

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Michael Stogner

Re: Administrative Procedure  
Infill Finding  
J. F. Janda (NCT-J) No. 5  
1650 FSL & 330 FEL (I)  
Section 4, T-23-S, R-36-E  
Lea County, New Mexico

Gentlemen:

Pursuant to Section 271.305 of the Final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978, and to Order R-6013-A of the New Mexico Oil Conservation Division, we hereby request an infill finding (NFL) for the above captioned J. F. Janda (NCT-J) No. 5 located 1650 FSL & 330 FEL (I), Section 4, T-23-S, R-36-E, Lea County, New Mexico.

The J. F. Janda (NCT-J) No. 5 was drilled on a non-existent 40-acre Jalmat (Oil) proration unit consisting of NE/4 SE/4 Section 4, T-23-S, R-36-E, Lea County, New Mexico. However, a portion of the producing interval in a second well on the 40 acres, the J. F. Janda (NCT-J) No. 1 (which was a Jalmat (Gas) well) corresponds to a portion of the producing interval in the J. F. Janda (NCT-J) No. 5. Because of the overlap in producing intervals, this infill filing is being made for the J. F. Janda (NCT-J) No. 5.

With regard to our request, and in accordance with Order R-6013-A, we submit the following:

- Rule 5            A copy of approved Form C-101 for the infill well and Form C-102 showing the proration unit dedicated to the well are enclosed.
- Rule 6            The name of the pool in which the infill well has been drilled is Jalmat (Oil) Pool, and the standard spacing unit therefor is 40 acres.
- Rule 7            The surface drilling for the J. F. Janda (NCT-J) No. 5 was approved August 29, 1984.

Rule 8 Table 1 attached to William P. Aycock's letter dated January 4, 1985 shows the following:

- a. Lease name and well location;
- b. Spud date;
- c. completion date;
- d. a description of any mechanical problems experienced along with a summary of remedial action(s) taken and the results obtained;
- e. the current rate of production;
- f. date of plug and abandonment, if any, and;
- g. 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.

Rule 9 Letter dated January 4, 1985 from William P. Aycock submits geological and engineering information sufficient to support a finding as to the necessity for an infill well including:

- a. formation structure map;
- b. the volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined;
- c. any other supporting data which the applicant deems to be relevant which may include:
  1. porosity and permeability factors
  2. Production/pressure decline curve
  3. effects of secondary recovery or pressure maintenance operations
  4. C-104 and C-105 (including Inclination Report)
  5. Scout Ticket and Well Log Summary for Doyle Hartman's J. F. Janda (NCT-J) No. 5 and previously existing J. F. Janda (NCT-J No. 1)

Rule 10 This application for infill finding is being filed in duplicate with the Santa Fe office of the Oil Conservation Division.

Rule 11 All operators of proration or spacing units offsetting the unit for which this infill finding is sought have been notified of this application by certified or registered mail.

New Mexico Oil Conservation Division  
January 7, 1985  
Page 3

We respectfully request that the Commission grant our request for an  
infill finding pursuant to Order R-6013-A.

Very truly yours,

DOYLE HARTMAN

*Michelle Hembree*

Michelle Hembree  
Administrative Assistant

/mh

Enclosures as above

WILLIAM P. AYCOCK & ASSOCIATES, INC.

Petroleum Engineering Consultants

1207 West Wall  
MIDLAND, TEXAS 79701

PHONE 915/683-5721

January 4, 1985

New Mexico Department of Energy  
and Minerals, Oil Conservation  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. Mike Stogner

Subject: Administrative Application for Infill  
Well Findings for Doyle Hartman  
J. F. Janda NCT-J No. 5,  
Section 4, Township 23 South,  
Range 36 East, 1650' FSL & 330' FEL  
Jalmat (Oil) Pool, Lea County, New Mexico

Gentlemen:

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

Rule 5: Attached are copies of 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, and the standard spacing therefor is 40 acres.

Rule 7: The Hartman J. F. Janda NCG-J No. 5 was drilled on a standard 40-acre proration unit, the Jalmat (Oil) development of which was formerly J. F. Janda NCT-J No. 1. This well was temporarily abandoned in the Jalmat Pool in November 1983, and it is scheduled to be recompleted in the Langlie-Mattix Pool by Gulf Oil Exploration and Production Co. The Form C-101 was approved by the District 1 Director on August 29, 1984.

Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for requirements of Sections "a." through "f.". Also required by Section "g." is "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 (Oil) Pool to which the present 40-acre proration unit was assigned was the Gulf Oil Exploration and Production Co. W. F. Janda NCT-J No. 1; this well has been shut in and temporarily abandoned in the Jalmat Pool since November 1, 1983, with an accumulative production of 29,242 barrels and 1322.444 MMCF as of November 1, 1983.

Therefore, the reason that the pre-existing Gulf Oil Exploration and Production Co. J. F. Janda NCT-J No. 1 cannot efficiently and effectively drain the portion of the reservoir covered by the production unit is because it has been inactive in the Jalmat Pool since November 1, 1983.

Since no further depletion of the remaining Jalmat Pool reserves has occurred from the pre-existing Gulf Oil Exploration and Production Co. J. F. Janda NCT-J No. 1, and since this well is scheduled for recompletion in the Langlie-Mattix Pool, any remaining Jalmat Pool recoverable reserves remaining beneath the 40-acre proration unit NE/4, NW/4 Section 4, Township 23 South, Range 36 East could not and cannot be recovered by it.

Rule 9:

Sec. a. Requires that a formation structure map be submitted; attached is a Yates formation structure map for the area including and surrounding the Doyle Hartman J. F. Janda NCT-J No. 5.

Sec. b. Requires that the "volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined" be submitted. The estimated ultimate gas recovery for the Doyle Hartman J. F. Janda NCT-J No. 5 is 259,750 MCF; therefore, the most probable value of the increased ultimate recovery is 259,750 MCF. The estimate of increased recovery for the Doyle Hartman J. F. Janda NCT-J No. 5 was accomplished as follows:

A. Volumetric Estimate (neglecting reservoir oil saturation):

1. Well logs for the Doyle Hartman Janda NCT-J No. 5 were analyzed, with the following summarized results:

Mean Porosity, Fcn of Bulk Volume	0.15
Mean Connate Water Saturation, Fraction of Net Effective Pore Volume	0.38
Net Effective Pay Thickness, feet	64.

Since the gross pay thickness constituting potential gas reservoir for the Hartman J. F. Janda NCT-J No. 5 is 195 feet, the above represents a ratio of net effective pay thickness to gross pay thickness of 33 percent.

2. The December 29, 1984, production test (conducted after hydraulic fracture treatment of December 18, 1984) for the Hartman J. F. Janda NCT-J No. 5 was reported as follows:

Rate, MCF/day 443  
 Choke Size 32/64 inch  
 Pumping Casing Pressure, psia 79.2

This production test was analyzed in conjunction with a calculated closed-in wellhead pressure of 442.8 psia (which was derived from a measured subsurface pressure of 479.6 psia at a mid-point of net effective pay depth of 3369.5 feet on pressure buildup test of December 4 to 5, 1984) with the following results:

Stabilized Deliverability Coefficient,  $2.334 \times 10^{-3}$   
 MCF/day per psia<sup>2</sup>  
 Initial Gas Formation Volume Factor, 32.2  
 scf/rcf

- The results of Steps 1. and 2. were then combined with the following results:

Original Gas-in-Place

MMCF/Acre 8.19  
 MMCF/40 Acres 327.4

Estimated Gas Recovery Factor,  
 Fraction of Original Gas-in-Place 0.8094

Estimated Ultimate Recovery,  
 MMCF per 40 acres 265.0

B. Oil Production Performance:

- Well test of December 24 through 26, 1984, were conducted as follows:

Date	Daily Production Rate		Mean GOR, scf/Bbl.
	Oil B/D	Gas MCF/D	
December 24 & 25	62.1	290	4670
December 26	51.8	95	1834

- These results represented unsteady-state performance and were analyzed assuming harmonic oil decline resulting in an estimated ultimate oil recovery of 5628 barrels.

3. The estimated ultimate oil recovery of 5628 barrels was combined with an estimated mean gas-oil ratio of 45.224 mcf/bbl. (which was derived from the ratio of the ultimate gas recovery of the Gulf Oil Production and Exploration Co. J. F. Janda NCT-J No. 1 of 1322.444 MMCF to the ultimate oil recovery of this well, which was 29,242 barrels), resulting in an estimated ultimate gas recovery of 254.5 MMCF

The most probable estimated ultimate gas recovery of 259,750 MCF (previously presented on page 2., Rule 9, Sec. b.) is the mean value of 265.0 MMCF and 254.5 MMCF

Sec. c. Other supporting data submitted include the following:

Summarized completion data with well logs for both the pre-existing and application wells.

Gas Production History Tabulation and Graph for Gulf Oil Exploration and Production Co. J. F. Janda NCT-J No. 1 (the pre-existing well).

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Gulf Oil Exploration and Production Co.

J. F. Janda NCT-J No. 1 and the Doyle Hartman J. F. Janda NCT-J No. 5.

We believe that the above adequately documents this request and has been prepared in accordance with Exhibit "A", Order R-6013-A; however, we should be pleased to supply anything else which you might require in this connection.

Very truly yours,

  
Wm. P. Aycock, P.E.

WPA/bw

Enclosures

TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A,  
(SECTIONS "a," THROUGH "f.")

NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

<u>SECTION OF RULE 8</u>	<u>RULE 8 REQUIREMENT</u>	<u>PRE-EXISTING WELL GULF OIL EXP. &amp; PROD. CO., OPERATOR</u>	<u>INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR</u>
a.	Lease Name and Well Location	J. F. Janda NCT-J No. 1 1650' FSL & 990' FEL	J. F. Janda NCT-J No. 5 1650' FSL & 330 FEL
b.	Spud Date	April 10, 1954	November 9, 1984
c.	Completion Date	May 17, 1954	December 6, 1984
d.	Mechanical Problems	None	None
e.	Current Rate of Production	Temporarily Abandoned	Form C-105: 7 bbl./day & 24 MCF/day on 12-8-84
f.	Date of Plug and Abandonment	Not Plugged. Projected for workover for recompletion in Langlie-Mattix Pool.	Not Plugged

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

30-025-28888

Form C-101  
Revised 1-1-84

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
B-229

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

9. Well No.  
5

10. Field and Pool, or Wildcat  
Jalmat (Oil)

12. County  
Lea

18. Proposed Depth  
3900

19A. Formation  
Yates-7 Rivers

20. Rotary or C.T.  
Rotary

21A. Kind & Status Plug. Bond  
Multi-approved

21B. Drilling Contractor  
Undetermined

22. Approx. Date Work will start  
September 1984

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  
Dovle Hartman

Address of Operator  
Post Office Box 10426 Midland, Texas 79702

Location of Well  
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE  
330 FEET FROM THE East LINE OF SEC. 4 TWP. 23 RCE. 36 NMPM

Elevations (Show whether DF, KI, etc.)  
3486.7 G.L.

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	36.0	400	600	Surface
8-3/4	7	23.0	3900	700	Surface

The proposed well will be drilled to a total depth of 3900' and will be completed as a Jalmat (Yates-Seven Rivers) oil producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 psi double-ram BOP system. Janda "J" No. 1 present Jalmat oil well on the proration unit is temporarily abandoned and will be recompleted to the Langlie Mattix pool by Gulf.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3/17/85  
UNLESS DRILLING UNDERWAY

NOTE: Any gas produced from the proposed well has previously been dedicated to Northern Natural Gas Company.

ABOVE 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.

Michelle Hemler Title Administrative Assistant Date August 27, 1984

(This space for State Use)

Eddie

AUG 29 1984

APPROVED BY DATE TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 30 1984

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION AT

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

All distances must be from the outer boundaries of the Section

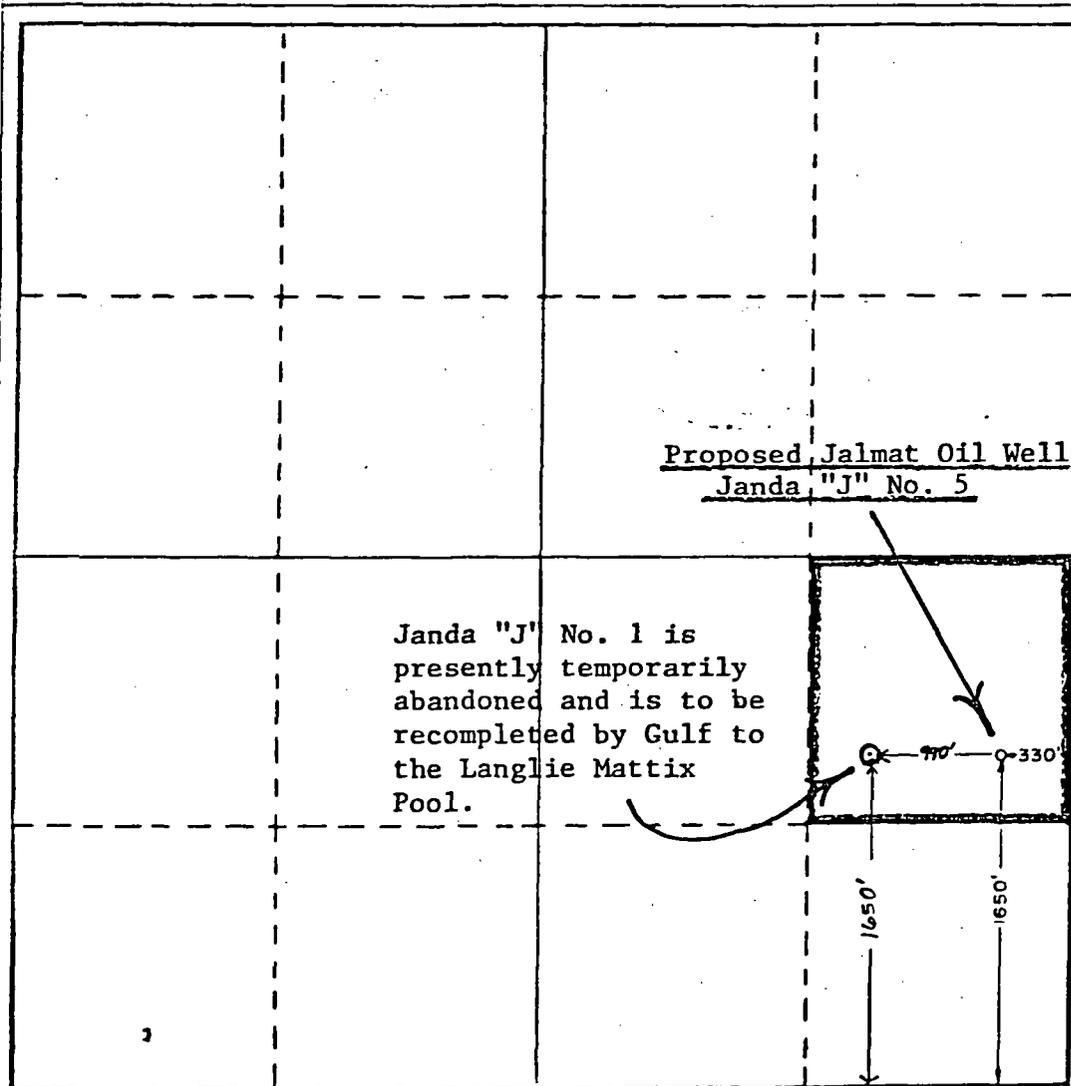
Operator DOYLE HARTMAN		Lease JANDA "J"			Well No. 5
Unit Letter I	Section 4	Township 23 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1650 feet from the SOUTH line and 330 feet from the EAST line					
Ground Level Elev. 3486.7	Producing Formation Yates-Seven Rivers		Pool Jalmat (Oil)	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.

*Larry A. Nermyr*

Name  
Larry A. Nermyr

Position  
Engineer

Company  
Doyle Hartman

Date  
August 27, 1984

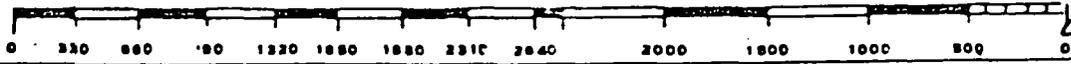
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

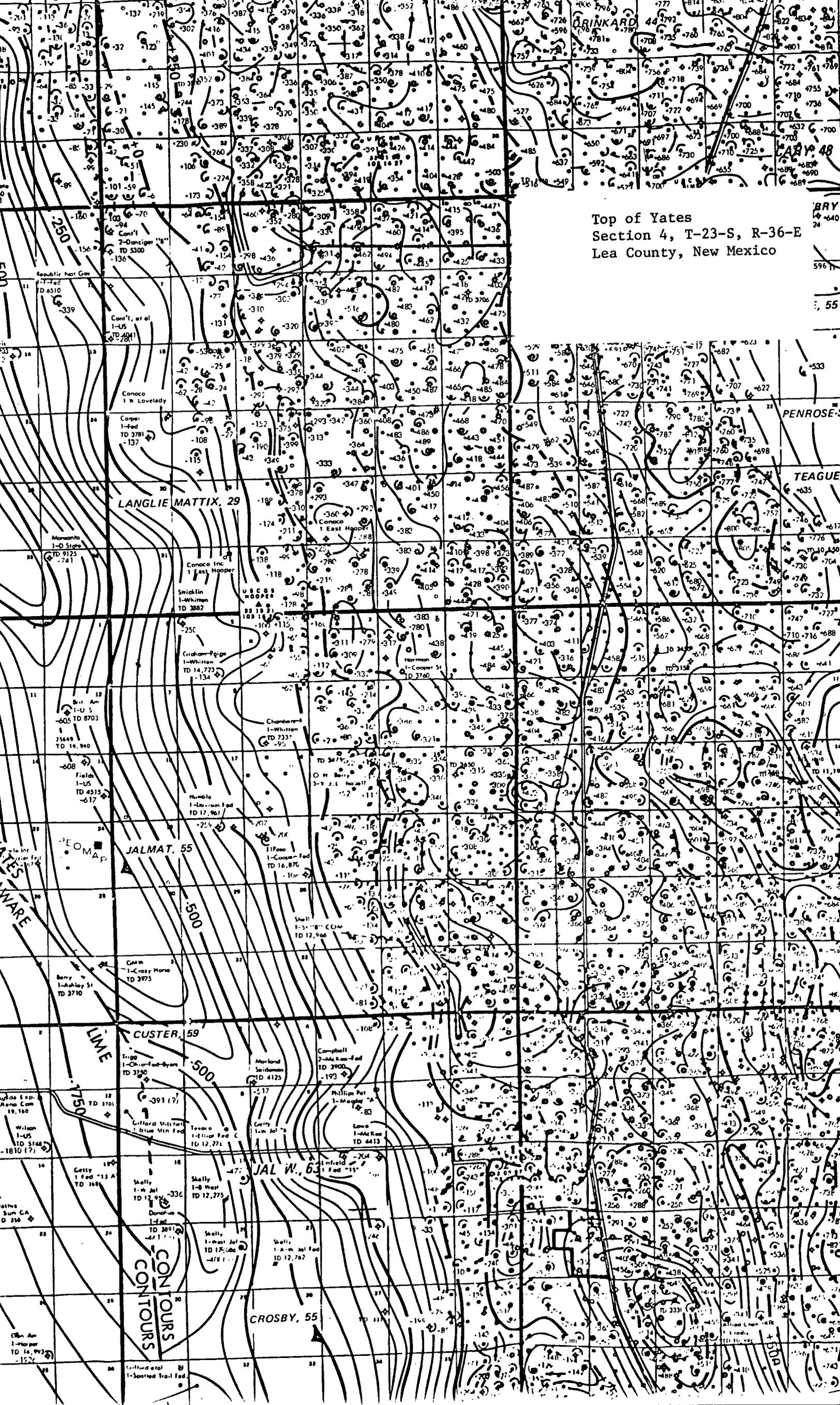
Date Surveyed  
8-23-84

Registered Professional Engineer  
and/or Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 676  
All, RONALD J. ELDSON, 3239





Top of Yates  
Section 4, T-23-S, R-36-E  
Lea County, New Mexico

BRY  
14  
24  
596  
55

LANGLIE MATTIX, 29

JALMAT, 55

CUSTER, 59

JAL W., 63

CROSBY, 55

PENROSE

TEAGUE

CONTOURS  
CONTOURS

WATER

LIME

CONTOURS

COMPANY

WELL J. F. Janda NCT-J No. 1

FIELD Jalmat (Gas)

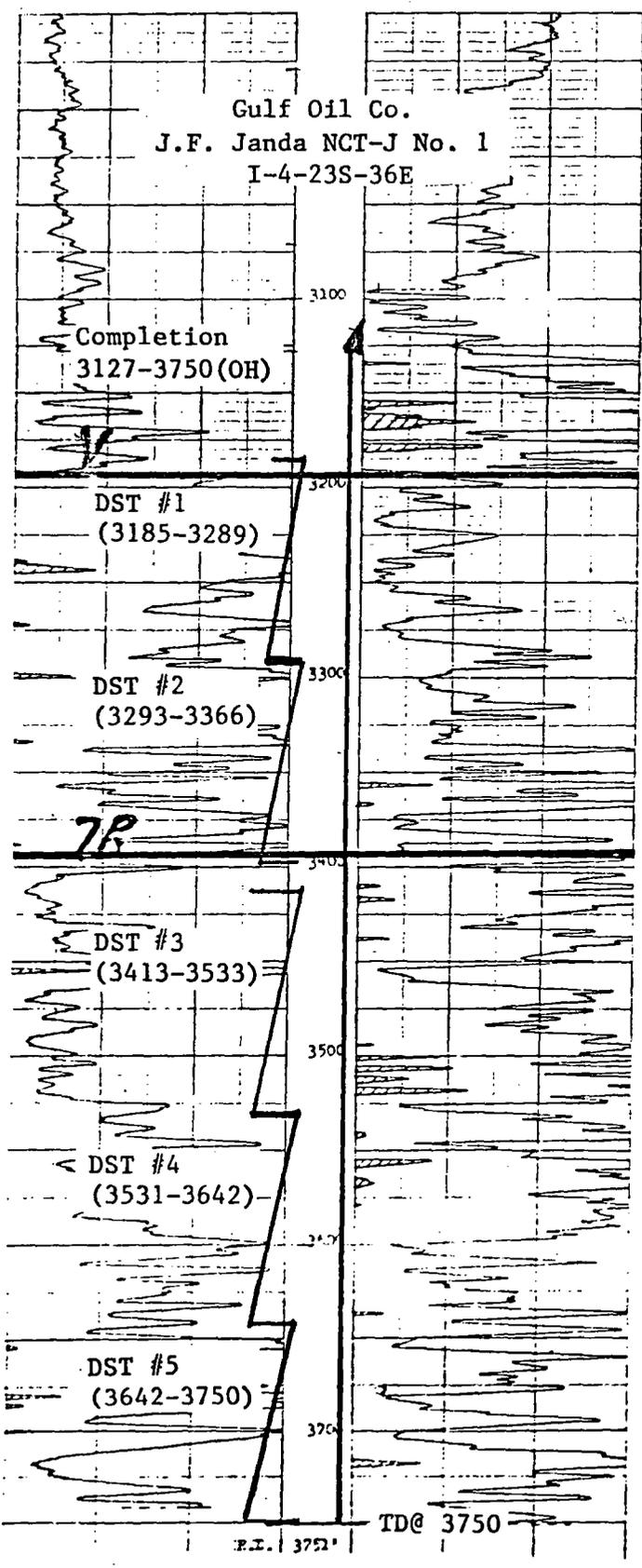
LOCATION 1650 FSL & 990 FEL (I)

Section 4, T-23-S, R-36-E  
(23-36-4-I)

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB \_\_\_\_\_  
DF 3497  
06-04-84 GL \_\_\_\_\_



COMPLETION RECORD

SPUD DATE 4-10-54 COMP. DATE 5-17-54

TD 3750 PBD

CASING RECORD 9-5/8 @ 482 w/360  
7 @ 3127 w/1300

PERFORATING RECORD OH: 3127-3750

STIMULATION Natural

IP IPF= 76 BOPD

GOR GR 36.3

TP CP

CHOKE 20/64 TUBING @

REMARKS DST #1 (3185-3289): GTS 2', 1748  
MCFPD. MTS-3'. OTS-6'. F/13 bbls in  
2 hrs. FP= 715. HP= 1920. BHP= 1122,  
15'.

DST #2 (3293-3396): GTS-10',  
363.9 MCFPD. Rec 240' ORM. FP= 180.  
HP= 1955. BHP= 965, 15'.

DST #3 (3413-3533): GTS-15',  
161.9 MCFPD. Rec 450' O&GCM. No water  
FP= 187-278. HP= 2115. BHP= 945, 15'.

DST #4 (3531-3642): GTS-5', 289.3  
MCFPD. Rec 270' DM, No wtr. FP= 90-175.  
HP= 2100. BHP= 1110, 15'.

DST #5 (3642-3750): GTS-7', 27.2  
MCFPD. Rec 250' O&GCM and 560' c/n oil  
no wtr. FP=95-325. HP=2250. BHP=930, 15'.

2-18-66: A/1000, OH (3127-3750).

Last Production: 10-83  
Cum Production: 1,326,351 MCF  
29,242 80

I-4-23S-36E

COMPANY Doyle Hartman

WELL J.F. Janda NCT-J No. 5

FIELD Jalmat (Oil)

LOCATION 1650 FNL & 330 FEL (I)  
Section 4 T-23-S, R-36-E  
(23-36-4-I)

COUNTY LEA

STATE NEW MEXICO

ELEVATIONS: KB 3497.2

DF

GL 3486.7

COMPLETION RECORD

SPUD DATE 11-9-84 COMP. DATE 12-06-84

TD 3900 PBTD 3863

CASING RECORD 9 5/8 @ 423 w/300  
7 @ 3900 w/1350

PERFORATING RECORD PERF: 3202-3692 w/22

STIMULATION A/5500

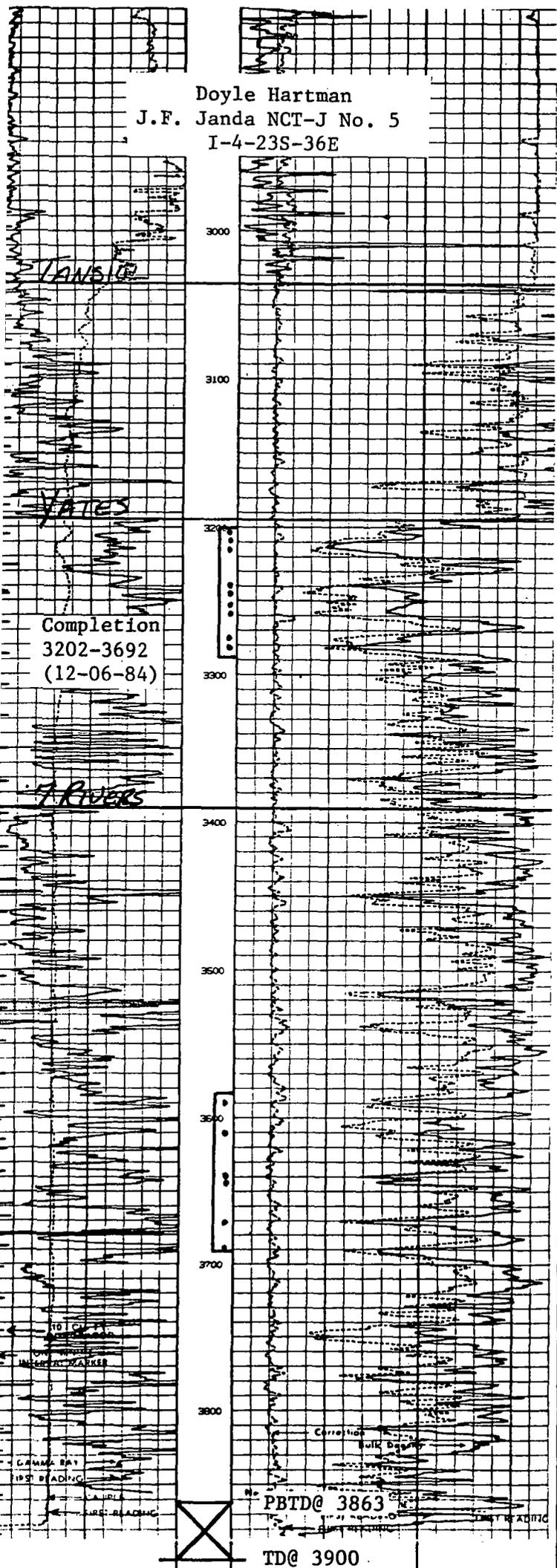
IP IPF = 7 BOPD + 24 MCFPD + 7 BWPD

GOR 3429 GR 34

TP CP 21

CHOKE 14/64 TUBING 2 3/8 @ 3828

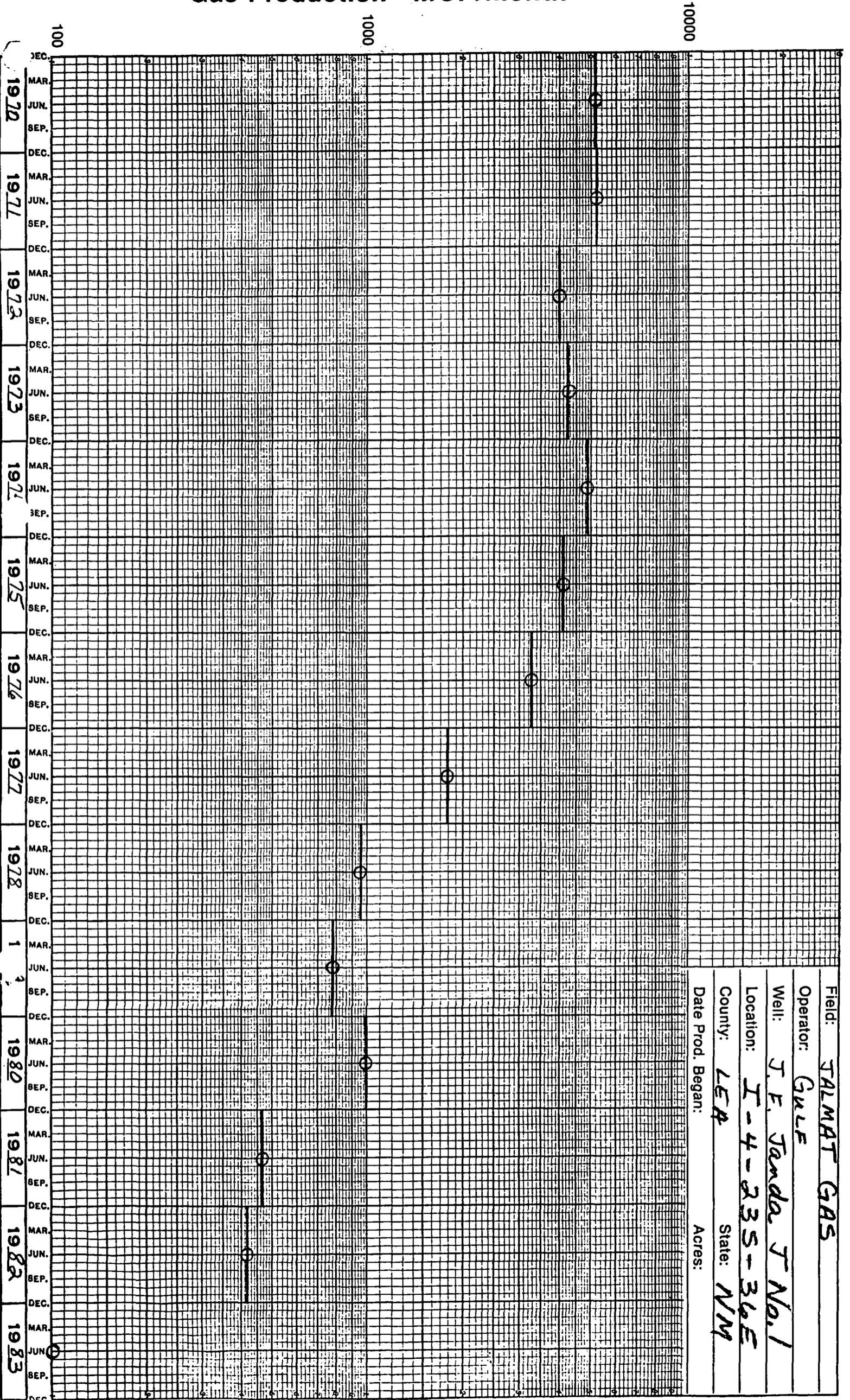
REMARKS Ppg (11 x 64 x 144)



I-4-23S-36E



# Gas Production - MCF/month



Cum: \_\_\_\_\_

Field: **TALMAT GAS**

Operator: **GULF**

Well: **J. F. Tarda T No. 1**

Location: **I-4-235-36E**

County: **LEA** State: **NM**

Date Prod. Began: \_\_\_\_\_ Acres: \_\_\_\_\_

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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TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

**I. OPERATOR**

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

If change of ownership give name and address of previous owner: Gulf Oil Corp. P. O. Box 670 Hobbs, New Mexico 88240

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <u>J. F. Janda (NCT-J)</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Jalmat (Gas)</u>	Kind of Lease State, Federal or Fee <u>State</u>	Lease No. <u>B-229</u>
Location Unit Letter <u>I</u> ; <u>1650</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>East</u> Line of Section <u>4</u> Township <u>23S</u> Range <u>36E</u> , NMPM, <u>Lea</u> County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS** TA'd

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>No</u>

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

**IV. COMPLETION DATA**

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

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

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

**GAS WELL**

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

**VI. CERTIFICATE OF COMPLIANCE**

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

Larry A. [Signature]  
(Signature)  
Engineer  
(Title)  
December 31, 1984  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED \_\_\_\_\_, 19\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

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

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

FEB 21 11 06

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
**B-229**

**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"/>		7. Unit Agreement Name
Name of Operator <b>Gulf Oil Corporation</b>		8. Farm or Lease Name <b>J. F. Janda (NCT-J)</b>
Address of Operator <b>Box 670, Hobbs, New Mexico</b>		9. Well No. <b>1</b>
Location of Well UNIT LETTER <b>I</b> <b>1650</b> FEET FROM THE <b>South</b> LINE AND <b>990</b> FEET FROM <b>East</b> LINE, SECTION <b>4</b> TOWNSHIP <b>23-S</b> RANGE <b>36-E</b> NMPM.		10. Field and Pool, or Wildcat <b>Jalmat Gas</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3497' GL</b>		12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>
		<b>Acidized</b>	

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.

**Dumped 1000 gallons of 15% NE acid down tubing, over open hole interval 3127' to 3750'. Swabbed and kicked off and returned well to production.**

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

ORIGINAL SIGNED BY  
SIGNED C. D. BORLANE TITLE Area Production Manager DATE February 18, 1966

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

Jan 25

5a. Indicate Type of Lease  
 Site  Fee  
 5. State Oil & Gas Lease No.  
**B-229**

**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

1. Name of Operator  
**Gulf Oil Corporation**

2. Address of Operator  
**Box 670, Hobbs, New Mexico**

3. Location of Well  
 UNIT LETTER **I** **1650** FEET FROM THE **South** LINE AND **990** FEET FROM  
 THE **East** LINE, SECTION **4** TOWNSHIP **23-S** RANGE **36-E** NMPM.

7. Unit Agreement Name  
 8. Farm or Lease Name  
**J. F. Janda (NCT-J)**

9. Well No.  
**1**

10. Field and Pool, or Wildcat  
**Jalmat Gas**

15. Elevation (Show whether DF, RT, GR, etc.)  
**3497 GL**

12. County  
**Lea**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/> <b>Acidize</b>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	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.  
**It is proposed to treat open hole interval 3127' to 3750' with 500 gallons of 15% NE acid.**

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

ORIGINAL SIGNED BY  
 SIGNED C. D. BORLAND TITLE Area Production Manager DATE January 27, 1966

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



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TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128  
 Revised 5/1/57  
 25

**SECTION A**

Operator <b>Gulf Oil Corporation</b>	Lease <b>J. F. Janda (NCT-J)</b>	Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>4</b>	Township <b>29-S</b>
	Range <b>36-E</b>	County <b>Lea</b>

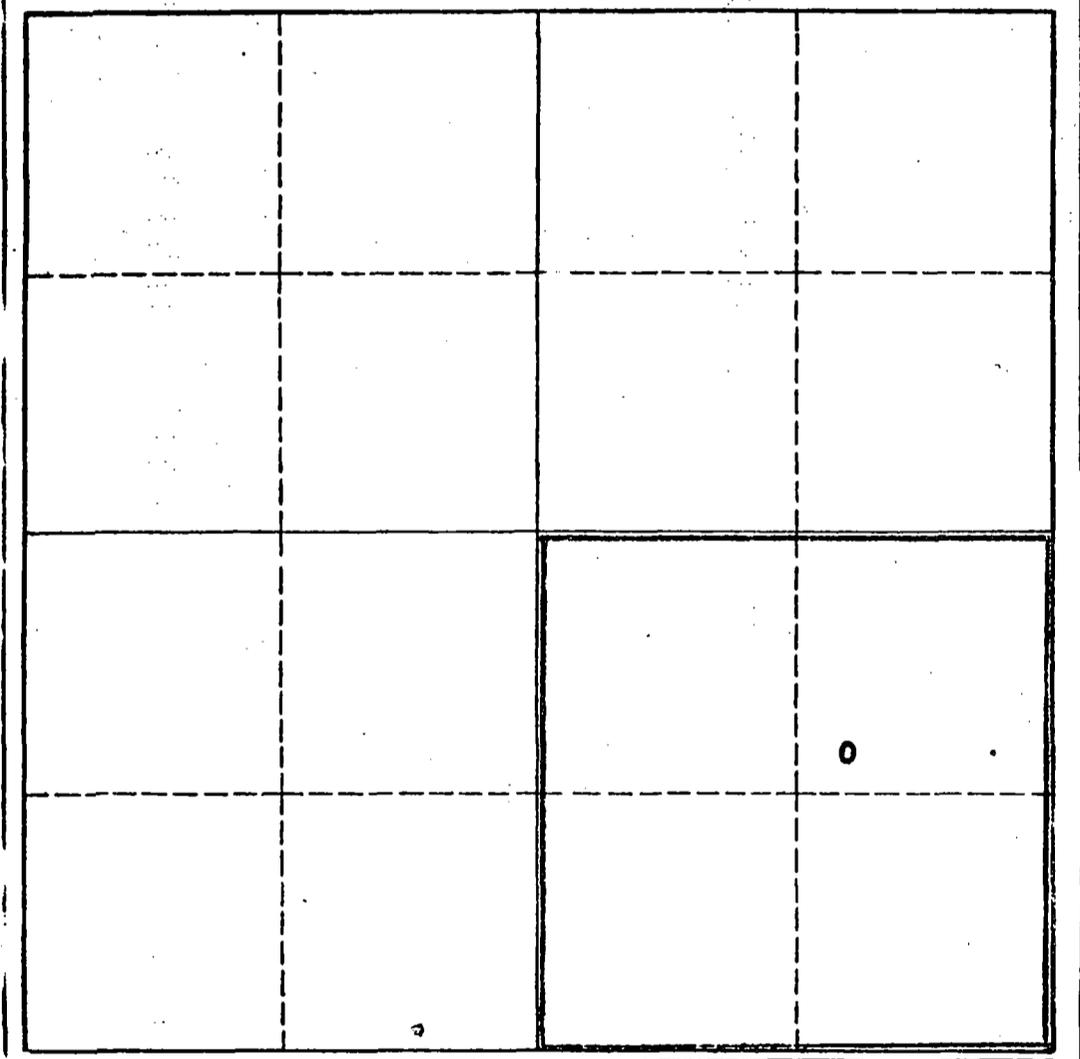
Actual Footage Location of Well:  
**1650** feet from the **South** line and **990** feet from the **East** line

Ground Level Elev. <b>3497</b>	Producing Formation <b>Yates &amp; Seven Rivers</b>	Pool <b>Jalnet (Gas)</b>	Dedicated Acreage: <b>160</b> Acres
-----------------------------------	--	-----------------------------	--

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES  NO . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES  NO . If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

**SECTION B**



**CERTIFICATION**

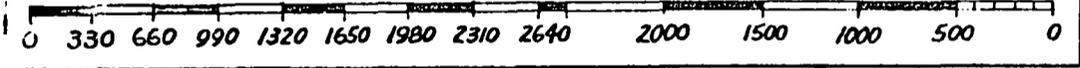
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name <b>J. F. Janda</b>
Position <b>Area Production Manager</b>
Company <b>Gulf Oil Corporation</b>
Date <b>August 23, 1962</b>

I hereby certify that the well location shown on the plat in SECTION B 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.
-----------------



# Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

P. O. Drawer 1938  
Roswell, New Mexico

W. A. Shellshear  
DISTRICT MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
H. C. Vivian  
DISTRICT SERVICES MANAGER

June 25, 1962

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Re: Application of Gulf Oil Corporation  
For Approval of a 160-acre Non-  
Standard Gas Proration Unit, Jalmat  
Gas Pool, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully requests exception to Rule 5(a) of Order R-1670 for administrative approval of a 160-acre Non-Standard Jalmat Gas Proration Unit covering the SE/4 of Section 4, Township 23 South, Range 36 East, Lea County, New Mexico. This Non-Standard Unit is to be attributed to the J. F. Janda "J" Well No. 1, located 1650 feet from the south line and 990 feet from the east line of this Section 4.

In support of this application, the following facts are submitted:

- (1) Applicant's J. F. Janda "J" Well No. 1 is now classified as a Jalmat Oil Well. The Commission has advised that effective July 1, 1962, this well will be reclassified as a Jalmat Gas Well.
- (2) The proposed Non-Standard Gas Proration Unit consists of contiguous quarter quarter sections and lies wholly within a single governmental section.
- (3) The entire Non-Standard Gas Proration Unit is reasonably presumed to be gas productive in the Jalmat Gas Pool.
- (4) The length or width does not exceed 5,280 feet.

All operators owning interests in the Section in which the Non-Standard Gas Proration Unit is located, and all operators within 1500 feet of the Unit well have been furnished a copy of this application.

Respectfully submitted,

GULF OIL CORPORATION

*W. A. Shellshear*  
W. A. Shellshear

JHH:sz

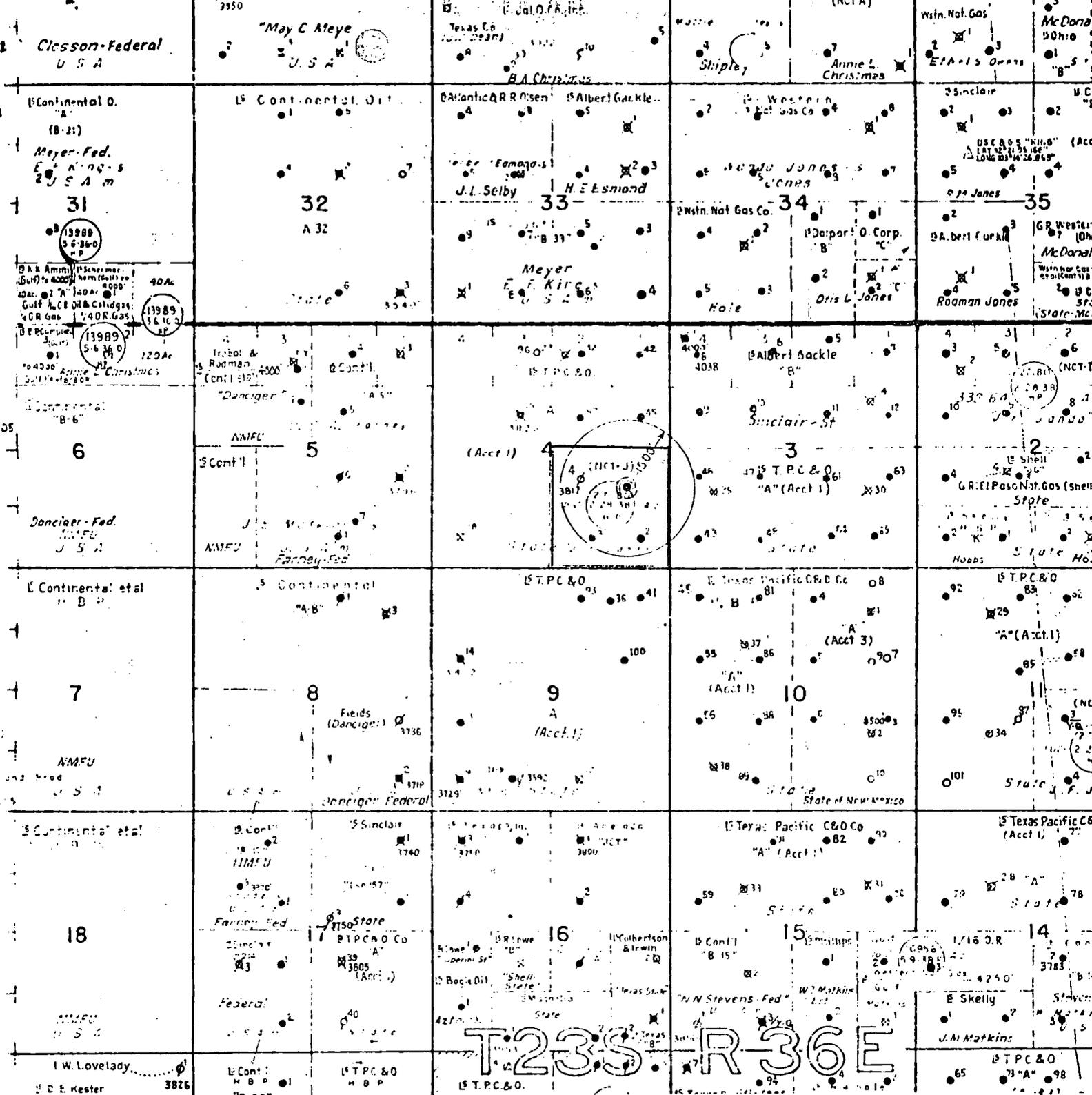


June 25, 1962

cc: New Mexico Oil Conservation Commission  
Post Office Box 2045  
Hobbs, New Mexico

Registered Mail:  
Albert Gackle  
427 Fort Worth National Bank Building  
Fort Worth, Texas

Texas Pacific Coal and Oil Company  
Post Office Box 4067  
Midland, Texas



LEASE PLAT

J. F. JANDA "J" LEASE

JALMAT GAS POOL

LEA COUNTY, NEW MEXICO

- L E G E N D -

Proposed Non-Standard Unit

Pertinent Well

OIL CONSERVATION COMMISSION  
HOBBS, NEW MEXICO

June 14, 1962

Gulf Oil Corp.  
Box 2167  
Hobbs, New Mexico

Gentlemen:

This is to advise that effective July 1, 1962 your J. F. Janda NCT-J Well No. 1 located in Unit I of Section 4, T-23-S, R-36-E will be reclassified as a gas well in the Jalmat Gas Pool due to the recently submitted gas-oil ratio test, which shows the well to be producing with a ratio in excess of 100,000:1.

The well is to be shut in and remain shut in until the provisions of Commission Order No. R-1670, as they pertain to the Jalmat Gas Pool, have been complied with.

Yours very truly,

OIL CONSERVATION COMMISSION

Joe D. Ramey  
Supervisor, District 1

mc

C  
O  
P  
Y

(File the original and 4 copies with the appropriate district office)

HOBBS OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

1959 APR 2 PM 2:36

Company or Operator Gulf Oil Corporation Lease J. F. Janda (NCT-J)

Well No. 1 Unit Letter I S 4 T23-S R 36-E Pool Jalmat

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit P S 4 T 23 R 36

Authorized Transporter of Oil or Condensate Texas-New Mexico Pipeline Co.

Address Box 1510, Midland, Texas  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Phillips Petroleum Co. (Low Pressure)

Address Box 66, Oil Center, N. M.  
(Give address to which approved copy of this form is to be sent)

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

Reasons for Filing: (Please check proper box) New Well ( )

Change in Transporter of (Check One): Oil  Dry Gas  C'head  Condensate

Change in Ownership  Other

Remarks: (Give explanation below)

This oil will be produced into common storage with other wells on this lease producing from Langlie Mattix zone. (Well presently closed in for over-production of gas).

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

Executed this the 1st day of April 1959

By [Signature]

Approved \_\_\_\_\_ 19 \_\_\_\_\_

Title Area Production Supt.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By R. F. Montgomery

Address Box 2167

Title \_\_\_\_\_

Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

**DUPLICATE**  
(File the original and 4 copies with the appropriate district office)

HOBBS OFFICE OCC

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda "J"

Well No. 1 Unit Letter I S 4 T23-S R 36-E Pool Jalnat\*

County Lea Kind of Lease (State, Fed. or Patented) \_\_\_\_\_ State \_\_\_\_\_

If well produces oil or condensate, give location of tanks: Unit P S 4 T23-S R36-E

Authorized Transporter of Oil or Condensate Gulf Refining Co., Western Pipeline Division

Address Box 1508, Hobbs, N. M.  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas \_\_\_\_\_

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

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

NFO-26

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ (X)

Remarks: \_\_\_\_\_ (Give explanation below)

\*Formerly designated Cooper Jal Pool.

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

Executed this the 29th day of August 19 55

Approved SEP 1 1955 \_\_\_\_\_ 19 \_\_\_\_\_

By [Signature]

Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By [Signature]

Address Box 2167, Hobbs, N. M.

Title \_\_\_\_\_

## NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE August 8, 1955TO: Gulf Oil CorporationBox 2167Hobbs, N.M.

Gentlemen:

In accordance with the provisions of Commission Order No. R-520, your \_\_\_\_\_

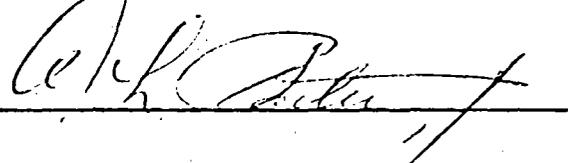
Janda I, <sup>1-1</sup>31, 4-23-36 which, according to our  
(Lease) (Well No.) (S.T.R.)records, is producing from the Yates formation, will be placed in theJalnet Pool effective October 1, 1955, and from that date forward will be subject to the Commission's rules and regulations governing that pool.

You are hereby instructed to file Form C-110 in Quintuplicate with the Hobbs Office showing the change in pool designation not later than September 1, 1955. If you desire to produce this well into common tankage with other wells in another pool which are located on the same basic lease, please incorporate the following statement on the form C-110: "Permission is hereby requested to produce this well into common storage with wells on the same lease currently prorated in Cooper Jal pool."

If you do not agree with this classification of your well you should notify this office in writing immediately.

Failure to file Form C-110 by the specified time will result in Allowable cancellation.

OIL CONSERVATION COMMISSION

BY 

OCC Santa Fe

cc: Oil Transporter Gulf Refining  
Gas Transporter  
Well File

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

**DUPLICATE**

1000  
11:30

Company or Operator Gulf Oil Corporation Lease J. F. Janda "J"

Well No. 1 Unit Letter I S 4 T23-S R36-E Pool Cooper Jal

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate \_\_\_\_\_

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

Authorized Transporter of Gas El Paso Natural Gas Co.

Address Box 1384, Jal, N. M.  
(Give address to which approved copy of this form is to be sent)

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

\_\_\_\_\_  
\_\_\_\_\_

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head (X) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)

This gas formerly blown to air. El Paso Natural Gas Co. made connection to take this gas on July 29, 1955.

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

Executed this the 4th day of August 1955

By \_\_\_\_\_

Approved AUG - 8 1955 1955

Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By Warren Mander

Address Box 2167

Title Engineer District 11

Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda "J"

Well No. 3 Unit Letter I S 4 T 23-S R 36-E Pool Cooper Jal

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit P S 4 T 23-S R 36-E

Authorized Transporter of Oil or Condensate Gulf Oil Corporation, Crude Oil Purch. Dept.

Address Box 1508, Hobbs, N. M.  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Co.

Address Box 1384, Jal, N. M.  
(Give address to which approved copy of this form is to be sent)

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

Reasons for Filing: (Please check proper box) New Well

Change in Transporter of (Check One): Oil  Dry Gas  C'head  Condensate

Change in Ownership  Other

Remarks: (Give explanation below)

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

Executed this the 28th day of July 1955

Approved ABS 1955 1955 By [Signature]  
Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION Company Gulf Oil Corporation

By [Signature] Address Box 2167

Title Engineer L... Hobbs, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J.F. Janda "JM"

Well No. 1 Unit Letter I S 4 T 23-S R 36-E Pool Cooper-Jal

County Lea Kind of Lease (State, Fed. or Patented) State Patented

If well produces oil or condensate, give location of tanks: Unit I S 4 T 23-S R 36-E

Authorized Transporter of Oil or Condensate Gulf Oil Corporation - Crude Oil Purchasing Dept.

Address Box 1508, Hobbs, New Mexico  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas \_\_\_\_\_

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

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

Blown to air (NFO-26)

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ (x)

Remarks: \_\_\_\_\_ (Give explanation below)

Formerly designated J.F. Janda 3

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

Executed this the 19 day of July 1955

By \_\_\_\_\_

Approved JUL 28 1955 1955

Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By M. Armstrong

Address Box 2167, Hobbs, New Mexico

Title Gas Inspector

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

Necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPPLICATE.

NOV 11 3:52

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda

Address Box 2167, Hobbs, N. M. Fort Worth, Texas  
(Local or Field Office) (Principal Place of Business)

Unit E, Well(s) No. 3, Sec. 4, T. 23-S, R. 36-E, Pool Cooper-Jal

County Lea Kind of Lease Private

If Oil well Location of Tanks on lease

Authorized Transporter Gulf Oil Corporation, Crude Oil Purchasing Department Address of Transporter  
Hobbs, New Mexico 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:

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

Executed this the 6th day of October 1954

Approved \_\_\_\_\_, 19\_\_\_\_  
Gulf Oil Corporation

By S. G. Stanley Title Area Supt. of Prod.  
OIL CONSERVATION COMMISSION

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease J. F. Janda

Address Box 2167, Hobbs, New Mexico Fort Worth, Texas  
(Local or Field Office) (Principal Place of Business)

Unit I, Well(s) No. 3, Sec. 4, T. 23-S, R. 36-E, Pool Cooper Jal

County Lea Kind of Lease: Private

If Oil well Location of Tanks On lease

Authorized Transporter - Address of Transporter

(Local or Field Office)

(Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported \* 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:

**File for casinghead gas.**

**\*16,118 MCF blown to air - Based on July, 1954 production.**

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

Executed this the 14th day of September, 1954

Gulf Oil Corporation

Approved....., 19.....

OIL CONSERVATION COMMISSION

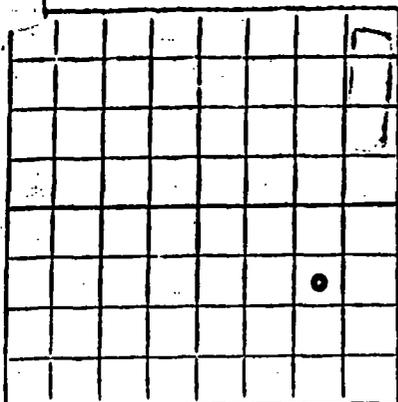
By.....

By.....

Title Area Supt. of Prod.

Title.....

(See Instructions on Reverse Side)



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOODS OFFICE OCC

WELL RECORD PM 2:57

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Gulf Oil Corporation

(Company or Operator)

J. F. Janda

(Lease)

Well No. 3, in NE 1/4 of SE 1/4, of Sec. 4, T. 23-S, R. 36-E, NMPM.

Cooper Jal Pool, Lea County.

Well is 990' feet from East line and 1650 feet from South line of Section 4. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 10, 1954. Drilling was Completed May 14, 1954.

Name of Drilling Contractor Oscar Bourg Drilling Co.

Address McClintic Bldg., Midland, Texas

Elevation above sea level at Top of Tubing Head 3497'. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3194' to 3750' 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.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8"	36#	New	467'	Baker			
7"	20#	New	3112'	Baker			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/4"	9-5/8"	182'	360	HOWCO		
8-3/4"	7"	3127'	1300	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

.....  
.....  
.....

Result of Production Stimulation.....

..... Depth Cleaned Out.....

**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 3750' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing May 17, 1954

**OIL WELL:** The production during the first 24 hours was 76 barrels of liquid of which 100 % was  
 was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
 Gravity 36.3

**GAS WELL:** The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of  
 liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.

Length of Time Shut in \_\_\_\_\_

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>1302'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1420'</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>3030'</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3194'</u> <i>Corr</i>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>3464'</u> <i>Corr</i>	T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....		T. ....	T. ....
T. Abo.....		T. ....	T. ....
T. Penn.....		T. ....	T. ....
T. Miss.....		T. ....	T. ....

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	11.65		Distance from Kelly Drive		3396		Dolomite and Sand
			Bushing to Ground		3423		Dolomite
	105		Caliche and Sand		3533		Dolomite and Sand
	300		Caliche and Red Bed		3587		Dolomite
	490		Red Bed		3750		Dolomite and Sand
	857		Red Bed and Red Rock				
	1103		Sand and Anhydrite				
	1273		Red Bed and Red Rock				
	1357		Anhydrite				
	1557		Anhydrite, Gyp and Salt				
	1825		Anhydrite and Salt				
	2077		Anhydrite				
	2375		Anhydrite and Salt				
	2568		Anhydrite				
	2642		Salt				
	2811		Anhydrite				
	3015		Anhydrite and Salt				
	3142		Anhydrite and Gyp				
	3179		Dolomite and Anhydrite				
	3234		Anhydrite, Dolomite and Sand				
	3253		Lime				
	3287		Sand				
	3340		Sand Stone				
	3356		Sandstone and dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

June 2, 1954  
(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name S. F. Taylor

Position or Title Area Prod. Supt.

DEVIATIONS - TOTCO SURVEYS

1/4 - 260'	1 - 1620	3 - 2585
3/4 - 480	3/4 - 1891	2-3/4 - 2700
1 - 750	1-1/4 - 2150	3 - 2748
3/4 - 1003	1-1/4 - 2250	2-3/4 - 2865
1 - 1250	2-3/4 - 2533	2-3/4 - 2950
1 - 1491	3 - 2555	2-1/4 - 3020

DRILL STEM TESTS

4-30-54 - No. 1 - 2 hour, 6 minute Halliburton drill stem test from 3185-3289' - Packers at 3185' and 3177'. Bombs at 3288-3161'. Tool opened 12:02Am - Gas to surface in 2 minutes, 24 hour rate 1,748,000 cu ft. Mud to surface in 3 minutes, oil in 6 minutes. Flowed 13 bbls clean oil, no water 2 hours. Flowing pressure 715#.- Hydrostatic pressure 1920#. 15 minute BHP 1122#.

5-5-54 - No. 2 - 1-1/2 hour Halliburton drill stem test from 3293-3396'. Gas to surface in 10 minutes, 24 hour rate 363,900 cu ft. No fluid. Recovered 240' oil base mud. Flowing pressure 180#. Hydrostatic pressure 1955#. 15 minute BHP 965#.

5-8-54 - No. 3 - 1-1/2 hour Halliburton drill stem test from 3413-3533'. Gas to surface in 5 minutes, 24 hour rate 161,900 cu ft. No fluid. Recovered 450' oil and gas cut mud, no water. Flowing pressure 187-278#. Hydrostatic pressure 2115#. 15 minute BHP 945#.

5-11-54 - No. 4 - 1-1/2 hour Halliburton drill stem test from 3531-3642'. Gas to surface in 5 minutes, 24 hour rate 289,300 cu ft. No fluid. Recovered 270' drilling mud, no water. Flowing Pressure 90-175#. Hydrostatic pressure 2100#. 15 minute BHP 1110#.

5-15-54 - No. 5 - 1-1/2 hour Halliburton drill stem test from 3642-3750'. Gas to surface in 7 minutes, 24 hour rate 27,200 cu ft. No fluid. Recovered 810' fluid, 250' oil and gas cut mud and 560' clean oil, no water. Flowing pressure 95-325#. Hydrostatic pressure 2250#. ~~15 minute BHP 930#.~~

SR - 3194  
3464

3507  
3194  
313

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**REQUEST FOR (OIL) - (GAS) ALLOWABLE** 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.

Hobbs, New Mexico May 27, 1954  
(Place) (Date)

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

Gulf Oil Corporation J. F. Janda Well No. 3 in NE 1/4 SE 1/4,  
(Company or Operator) (Lease)  
I Sec. 4 T. 23-S R. 36-E NMPM, Cooper Jct Pool  
(Unit)  
Lea County. Date Spudded April 10, 1954 Date Completed May 17, 1954

Please indicate location:

			o

Elevation 3495' Total Depth 3750' P.B. -  
Top oil/gas pay 3194' Top of Prod. Form Seven Rivers  
Casing Perforations: - or  
Depth to Casing shoe of Prod. String 3129'  
Natural Prod. Test 76 BOPD  
based on 76 bbls. Oil in 24 Hrs. - Mins.  
Test after acid or shot - BOPD  
Based on - bbls. Oil in - Hrs. - Mins.  
Gas Well Potential -  
Size choke in inches 20/64"  
Date first oil run to tanks or gas to Transmission system: May 17, 1954  
Transporter taking Oil or Gas: Gulf Refining Company

**Casing and Cementing Record**

Size	Feet	Sax
<u>9-5/8"</u>	<u>490'</u>	<u>325</u>
<u>7"</u>	<u>3115'</u>	<u>1300</u>

Remarks: It is requested that this well be placed in the Proration Schedule effective May 17, 1954.

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

Approved: \_\_\_\_\_, 19\_\_\_\_

**OIL CONSERVATION COMMISSION**  
By: J. G. Stanley  
Title: General Eng.

Gulf Oil Corporation  
(Company or Operator)  
By: E. F. Jaylor  
(Signature)  
Title: Area Prod. Supt.  
Send Communications regarding well to:  
Name: Gulf Oil Corporation  
Address: Box 2167, Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

OFFICE 000

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

MAY 27 11 2:47

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator..... Gulf Oil Corporation ..... Lease..... J. F. Janda .....

Address..... Hobbs, New Mexico ..... Fort Worth, Texas .....  
(Local or Field Office) (Principal Place of Business)

Unit..... 7 ..... Well(s) No..... 2 ..... Sec..... 1 ..... T..... 23-S ..... R..... 36-E ..... Pool..... Cooper Jal .....

County..... Lea ..... Kind of Lease..... Private .....

If Oil well Location of Tanks..... On Lease .....

Authorized Transporter..... Gulf Refining Company ..... Address of Transporter

..... Hobbs, New Mexico ..... 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..... none .....

REASON FOR FILING: (Please check proper box)

- NEW WELL.....  CHANGE IN OWNERSHIP.....
- CHANGE IN TRANSPORTER.....  OTHER (Explain under Remarks).....

REMARKS:

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

Executed this the..... 25th ..... day of..... May ..... 19..... 54 .....

Gulf Oil Corporation

Approved....., 19.....

OIL CONSERVATION COMMISSION

By..... [Signature] .....  
Title.....

By..... [Signature] .....  
Title..... Area Prod. Supt. .....

(See Instructions on Reverse Side)

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**HOBBS OFFICE CCC**

**MISCELLANEOUS REPORTS ON WELLS**

APR 27 AM 10:14

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 TEST OF CASING SHUT-OFF	<b>XX</b>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

April 26, 1954 (Date) Hobbs, N.M. (Place)

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

Gulf Oil Corporation (Company or Operator) J. F. Janda (Lease)

Oscar Bourg Drilling Co. (Contractor), Well No. 3 in the NE 1/4 SE 1/4 of Sec. 4

T23-S, R. 36-E, NMPM, Jalco Gas Pool, Lea County.

The Dates of this work were as follows: April 21-23, 1954

Notice of intention to do the work (~~was~~) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, and approval of the proposed plan (~~was~~) (was not) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 102 jts (3115') 7" 20# J-55 SS Casing w/3 centralizers and 12 scratchers from 3129-2979'. Set and cemented at 3129' w/1300 sacks cement. 1200 sacks 4% Gel and 100 sacks neat on bottom. Plug at 3069'. Max pressure 1000#. Circulated approx. 60 sacks cement.

After waiting over 36 hours, tested 7" casing w/1000# for 30 minutes. There was no drop in pressure. Drilled plug from 3069-3129' and tested cement below csg shoe w/1000# for 30 minutes. There was no drop in pressure.

Witnessed by Glenn Stach (Name) Gulf Oil Corp. (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION  
*[Signature]*  
Engr. (Title)  
(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: *[Signature]*  
Position: Area Prod. Supt.  
Representing: Gulf Oil Corp.  
Address: Box 2167, Hobbs, N.M.

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**HOBBS OFFICE OCC**

**MISCELLANEOUS REPORTS ON WELLS** APR 16 AM 9:00

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 TEST OF CASING SHUT-OFF	<b>XX</b>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

April 14, 1954  
(Date)

Hobbs, New Mexico  
(Place)

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

Gulf Oil Corporation  
(Company or Operator)

J. F. Janda  
(Lease)

Oscar Bourg Drilling Co.  
(Contractor)

Well No. 3 in the NE 1/4 SE 1/4 of Sec. 4

T. 23-S., R. 36-E., NMPM, Jalco Gas Pool, Lea County.

The Dates of this work were as follows: April 11-13, 1954

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.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Ran 11 joints (490') 9-5/8" 36# J-55 SS Casing. Set and cemented at 482' w/325 sacks reg. neat cement. Plug at 460'. Max. pressure 200#. Cement did not circulate. Recemented top from 40' to surface thru 2" pipe w/355 sacks reg. cement. complete at 3:30 pm 4-11-54.

After waiting over 24 hours tested 9-5/8" casing w/1000# for 30 minutes. There was no drop in pressure. Drilled cement plug from 460-482' and tested cement below casing shoe w/300# for 30 minutes. There was no drop in pressure.

Witnessed by Glenn Stach, Gulf Oil Corporation, Drilling Foreman

Approved: OIL CONSERVATION COMMISSION

*G. J. Stanley*  
(Name)

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

Name: *B. F. Taylor*

Position: Area Prod. Supt.

Representing: Gulf Oil Corporation

Address: Box 2167, Hobbs, N.M.

(Title) (Date)

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico, HOBBS OFFICE OCC

**MISCELLANEOUS REPORTS ON WELLS: 14**

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	<input type="checkbox"/>	REPORT ON REPAIRING WELL	<input type="checkbox"/>
REPORT ON RESULT OF PLUGGING WELL	<input type="checkbox"/>	REPORT ON RECOMPLETION OPERATION	<input type="checkbox"/>	REPORT ON (Other)	<input type="checkbox"/>

April 13, 1954

Hobbs, New Mexico

(Date)

(Place)

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

Gulf Oil Corporation (Company or Operator) J. E. Sneed (Lease)  
 Oscar Bourg Drilling Co. (Contractor), Well No. 3 in the NE 1/4 SE 1/4 of Sec. 4  
 T. 23S, R. 36E, NMPM, Jalco Gas Pool, Lea County.

The Dates of this work were as follows: April 10, 1954

Notice of intention to do the work (was) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, and approval of the proposed plan (was) obtained.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Oscar Bourg Drilling Company spudded 13-3/4" hole at 3 AM April 10, 1954.

Witnessed by J. E. Sneed (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION  
S. J. Stanley (Name)  
(Title) (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: J. E. Sneed  
Position: Area Prod. Supt.  
Representing: Gulf Oil Corp.  
Address: Box 2167, Hobbs, N.M.

**NOTICE OF INTENTION TO DRILL OR RECOMPLETE**

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion 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 QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico  
(Place)

March 15, 1954  
(Date)

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

Gulf Oil Corporation

(Company or Operator)

J. F. Janda

(Lessee)

Well No. 3

in I

(Unit)

The well is

located 990' feet from the East line and 1650' feet from the

South

line of Section 4

T. 23S

R. 36E

NMPM.

(GIVE LOCATION FROM SECTION LINE)

Jalco Gas

Pool,

Lea

County

If State Land the Oil and Gas Lease is No. ....

If patented land the owner is .....

Address .....

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

The status of plugging bond is .....

Drilling Contractor .....

We intend to complete this well in the Yates & Seven Rivers formation at an approximate depth of 3650' feet.

**CASING PROGRAM**

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
<u>12-1/4"</u>	<u>9-5/8"</u>	<u>36#</u>	<u>New</u>	<u>350</u>	<u>150</u>
<u>8-3/4"</u>	<u>7"</u>	<u>20-23#</u>	<u>New</u>	<u>3050</u>	<u>450</u>

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved....., 19.....  
Except as follows:

OIL CONSERVATION COMMISSION

By [Signature]

Title .....

Sincerely yours,

Gulf Oil Corporation

(Company or Operator)

By [Signature]

Position Area Prod. Supt.

Send Communications regarding well to

Name Gulf Oil Corp.

Address Box 2167, Hobbs, N.M.

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

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

~~Please hold confidential as long as law allows.~~

4. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
**B-229**

7. Unit Agreement Name

8. Farm or Lease Name  
**J. F. Janda (NCT-J)**

9. Well No.  
**5**

10. Field and Pool, or Wildcat  
**Jalpat (Oil)**

14. TYPE OF WELL

OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

2. Name of Operator  
**Doyle Hartman**

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

4. Location of Well  
UNIT LETTER **I** LOCATED **1650** FEET FROM THE **South** LINE AND **330** FEET FROM

THE **East** LINE OF SEC. **4** TWP. **23S** RGE. **36E** NE/4

12. County  
**Lea**

15. Date Spudded **11-09-84** 16. Date T.D. Reached **11-16-84** 17. Date Compl. (Ready to Prod.) **12-06-84** 18. Elevations (DF, RKB, RT, GR, etc.) **3486.7 G.L.** 19. Elev. Casinghead **3487**

20. Total Depth **3900** 21. Plug Back T.D. **3863** 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled by Rotary Tools **0-3900** Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**3202-3692 w/22 Yates-Seven Rivers**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**CDL-Neutron, Forxo-Guard, GRN-CCL**

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	40	423	12-1/4	300 sx (circ)	none
7	26	3900	8-3/4	1350 sx (circ)	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3828	none

31. Perforation Record (Interval, size and number)  
**22 shots with one shot each at: 3202, 3208, 3211, 3214, 3217, 3239, 3243, 3247, 3253, 3256, 3259, 3275, 3279, 3282, 3590, 3592, 3610, 3639, 3643, 3671, 3690, 3692**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3202-3692	A/5500 15% MCA

33. PRODUCTION

Date First Production **12-06-84** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping (11 x 64 x 1-1/4)** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
12-08-84	24	14/64	7	7	24	7	3429

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
-----	21 psi	7	7	24	7	34

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **Harold Swain**

35. List of Attachments  
**C-104, Inclination Report, Logs**

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

SIGNED Larry A. Nantz TITLE Engineer DATE December 14, 1984

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

Janda J No. 5

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1285</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "D" _____
T. Sult <u>1404</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Sult <u>3035</u>	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3193</u>	T. Miss _____	T. Cliff House _____	T. Lendville _____
T. 7 Rivers <u>3390</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3820</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
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 <u>3202</u> to <u>3692</u>	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
1285	1404	119	Anhydrite				
1404	3035	1631	Salt and Anhydrite				
3035	3193	158	Dolomite and Anhydrite				
3193	3390	197	Sandstone and Dolomite				
3390	3820	430	Sandstone and Dolomite				
3820	3900	80	Sandstone and Dolomite				

REC 2 6 1991

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

Form C-104  
Supersedes Old C-104 and  
Effective 1-1-83  
**FEEL**

DISTRIBUTION		
SANTA FE		
FILT.		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

Operator  
**Doyle Hartman**

Address  
**Post Office Box 10426, Midland, Texas 79702**

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

If change of ownership give name and address of previous owner \_\_\_\_\_

**I. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>J. F. Janda (NCT-J)</b>	Well No. <b>5</b>	Pool Name, including Formation <b>Jalmat (Oil) Yates-7 Rivers</b>	Kind of Lease State, Federal or Fee <b>State</b>	Lease No. <b>B-2</b>
Location Unit Letter <b>I</b> ; <b>1650</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>East</b> Line of Section <b>4</b> Township <b>23 South</b> Range <b>36 East</b> , NMPM, <b>Lea</b> County				

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

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>The Permian Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1183, Houston, TX 77001</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>El Paso Natural Gas Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1492, El Paso, TX 79978</b>
If well produces oil or liquids, give location of tanks. Unit <b>I</b> Sec. <b>4</b> Twp. <b>23S</b> Rge. <b>36E</b>	Is gas actually connected? <b>Yes</b> When <b>December 27, 1984</b>

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 <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 Hst'v. <input type="checkbox"/>	Diff. Res. <input type="checkbox"/>
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

**VI. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL**

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

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

**GAS WELL**

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

**VII. CERTIFICATE OF COMPLIANCE**

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

Michelle Hernandez  
(Signature)  
**Administrative Assistant**  
(Title)  
**December 31, 1984**  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY \_\_\_\_\_  
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 flow 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.

NO. OF COPIES RECEIVED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION 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 1-1-85

Please hold confidential as long as law allows.

**I. OPERATOR**

Operator: Doyle Hartman

Address: Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing (Check proper box)

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

**CASINGHEAD GAS MUST NOT BE FLAMMED UNLESS AN EXCEPTION TO THIS IS OBTAINED.** (Please explain) 2/16/85

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <u>J. F. Janda (NCT-J)</u>	Well No. <u>5</u>	Pool Name, including Formation <u>Jalmat (Oil) Yates-7 Rivers</u>	Kind of Lease State, Federal or Fee State	Lease No. <u>B-229</u>
Location				
Unit Letter <u>I</u>	<u>1650</u>	Feet From The <u>South</u>	Line and <u>330</u>	Feet From The <u>East</u>
Line of Section <u>4</u>	Township <u>23S</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 checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	<u>The Permian Corporation</u>	Address (Give address to which approved copy of this form is to be sent)	<u>P.O. Box 1183, Houston, TX 77001</u>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	<u>El Paso Natural Gas Company</u>	Address (Give address to which approved copy of this form is to be sent)	<u>P. O. Box 1492, El Paso, TX 79978</u>
If well produces oil or liquids, give location of tanks.	Unit <u>I</u>	Sec. <u>4</u>	Twp. <u>23S</u>
	Pge. <u>36E</u>	Is gas actually connected?	When
		<u>No</u>	<u>December 18, 1984</u>

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

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
Date Spudded <u>11-09-84</u>	Date Compl. Ready to Prod. <u>12-06-84</u>	Total Depth <u>3900</u>	P.B.T.D. <u>3863</u>					
Elevations (DF, RAB, RT, GR, etc.) <u>3486.7 G.L.</u>	Name of Producing Formation <u>Yates-Seven Rivers</u>	Top Oil/Gas Pay <u>3202</u>	Tubing Depth <u>3828</u>					
Perforations <u>3202-3692 w/22 Yates-Seven Rivers</u>			Depth Casing Shoe <u>3900</u>					
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
<u>12-1/4</u>	<u>9-5/8</u>	<u>423</u>		<u>300 sx (circ)</u>				
<u>8-3/4</u>	<u>7</u>	<u>3900</u>		<u>1350 sx (circ)</u>				

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

Date First New Oil Run To Tanks <u>12-06-84</u>	Date of Test <u>12-08-84</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pumping (11 x 64 x 1-1/4)</u>	
Length of Test <u>24 hours</u>	Tubing Pressure -----	Casing Pressure <u>21 psi</u>	Choke Size <u>14/64</u>
Actual Prod. During Test	Oil - Bbls. <u>7</u>	Water - Bbls. <u>7</u>	Gas - MCF <u>24</u>

**GAS WELL**

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

**VI. CERTIFICATE OF COMPLIANCE**

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

Larry A. Murray  
(Signature)  
Engineer  
(Title)  
December 14, 1984  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED DEC 20 1984, 19\_\_\_\_

BY ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I 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 deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiple completed wells.

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

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LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease  
 State  Free

5. State Oil & Gas Lease No.  
 B-229

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  
 Doyle Hartman

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

7. Unit Agreement Name

8. Firm or Lease Name  
 J. E. Janda (NCT-J)

9. Well No.  
 5

Location of Well  
 UNIT LETTER I 1650 FEET FROM THE South LINE AND 330 FEET FROM  
 THE East LINE, SECTION 4 TOWNSHIP 23-S RANGE 36-E N.M.P.M.

10. Field and Pool, or Whittier  
 Jalmat (Oil)

15. Elevation (Show whether DF, RT, GR, etc.)  
 3486.7 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

TEMPORARILY ABANDON

REPAIR OR ALTER CASING

OTHER

PLUG AND ABANDON

CHANGE PLANS

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOBS

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

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 3900'. Ran 117 joints (3904.49') of 7" OD, 26 lb/ft, LT&C casing and landed at 3902' RKB. Cemented casing with 1000 sx of API Class-C cement containing 3% Halliburton Econolite and 1/4 lb/sx Floseal followed by 350 sx of a 50-50 blend of API Class C cement and Pozmix A containing 18% salt and 1/4 lb/sx Floseal. Plug down at 4:00 p.m. CST 11-17-84. Circulated 456 sx of excess cement to pit. Pressure tested casing to 1500 psi and pressure held okay. Released pressure and float held okay.

PLEASE HOLD REPORTS ON THIS WELL CONFIDENTIAL.

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 11-19-84

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 21 1984

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ DATE NOV 26 1984

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LAND OFFICE	
OPERATOR	

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

Form C-103  
Revised 10-1-

5a. Indicate Type of Lease  
State  Free   
5. State Oil & Gas Lease No.  
B-229

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: Doyle Hartman  
Address of Operator: Post Office Box 10426 Midland, Texas 79702  
Location of well:  
UNIT LETTER I 1650 FEET FROM THE South LINE AND 330 FEET FROM East THE LINE, SECTION 4 TOWNSHIP 23S RANGE 36E

7. Unit Agreement Name  
8. Firm or Lease Name: J. F. Janda (NCT-J)  
9. Well No.: 5  
10. Field and Pool, or Kinocut: Jalmat (Oil)  
12. County: Lea

15. Elevation (Show whether DF, RT, GR, etc.)  
3486.7 G.L.

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

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

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

Spudded well at 10:30 p.m. CST 11-9-84. Drilled to a total depth of 423'. Ran 11 joints (423.15') of 9-5/8" OD, 36 lb/ft, Grade B, ST&C casing and landed at 423'. Cemented casing with 300 sx of Class-C cement containing 2% CaCl. Plug down at 1:45 P.M. CST 11-10-84. Circulated 30 sx excess cement to pit. WOC 16-1/4 hours. Pressure tested casing to 700 psi. Pressure held okay.

Please hold reports confidential on this well.

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

APPROVED BY Michelle Hernandez TITLE Administrative Assistant DATE November 14, 1984

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 16 1984

CONDITIONS OF APPROVAL, IF ANY:

NOV 20 1984

30-025-28888

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AND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
 STATE  FEE   
 5. State Oil & Gas Lease No.  
 B-229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

7. Unit Agreement Name

8. Farm or Lease Name  
J. F. Janda (NCT-J)

Name of Operator  
Dovle Hartman

9. Well No.  
5

Address of Operator:  
Post Office Box 10426 Midland, Texas 79702

10. Field and Pool, or Wildcat  
Jalmat (Oil)

Location of Well  
UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE  
330 FEET FROM THE East LINE OF SEC. 4 TWP. 23 RGE. 36 NMPM

12. County  
Lea

19. Proposed Depth  
3900

19A. Formation  
Yates-7 Rivers

20. Rotary or C.T.  
Rotary

Elevations (Show whether DF, RT, etc.)  
3486.7 G.L.

21A. Kind & Status Plug. Bond  
Multi-approved

21B. Drilling Contractor  
Undetermined

22. Approx. Date Work will start  
September 1984

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	36.0	400	600	Surface
8-3/4	7	23.0	3900	700	Surface

The proposed well will be drilled to a total depth of 3900' and will be completed as a Jalmat (Yates-Seven Rivers) oil producer. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 psi double-ram BOP system. Janda "J" No. 1 present Jalmat oil well on the proration unit is temporarily abandoned and will be recompleted to the Langlie Mattix pool by Gulf.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3/11/82  
UNLESS DRILLING UNDERWAY

NOTE: Any gas produced from the proposed well has previously been dedicated to Northern Natural Gas Company.

ABOVE 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.

Michelle Semler Title Administrative Assistant Date August 27, 1984

(This space for State Use)

AUG 29 1984

APPROVED BY: TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 30 1984

NEW MEXICO OIL CONSERVATION COMMISSION.  
WELL LOCATION AND ACREAGE DEDICATION AT

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

All distances must be from the outer boundaries of the Section

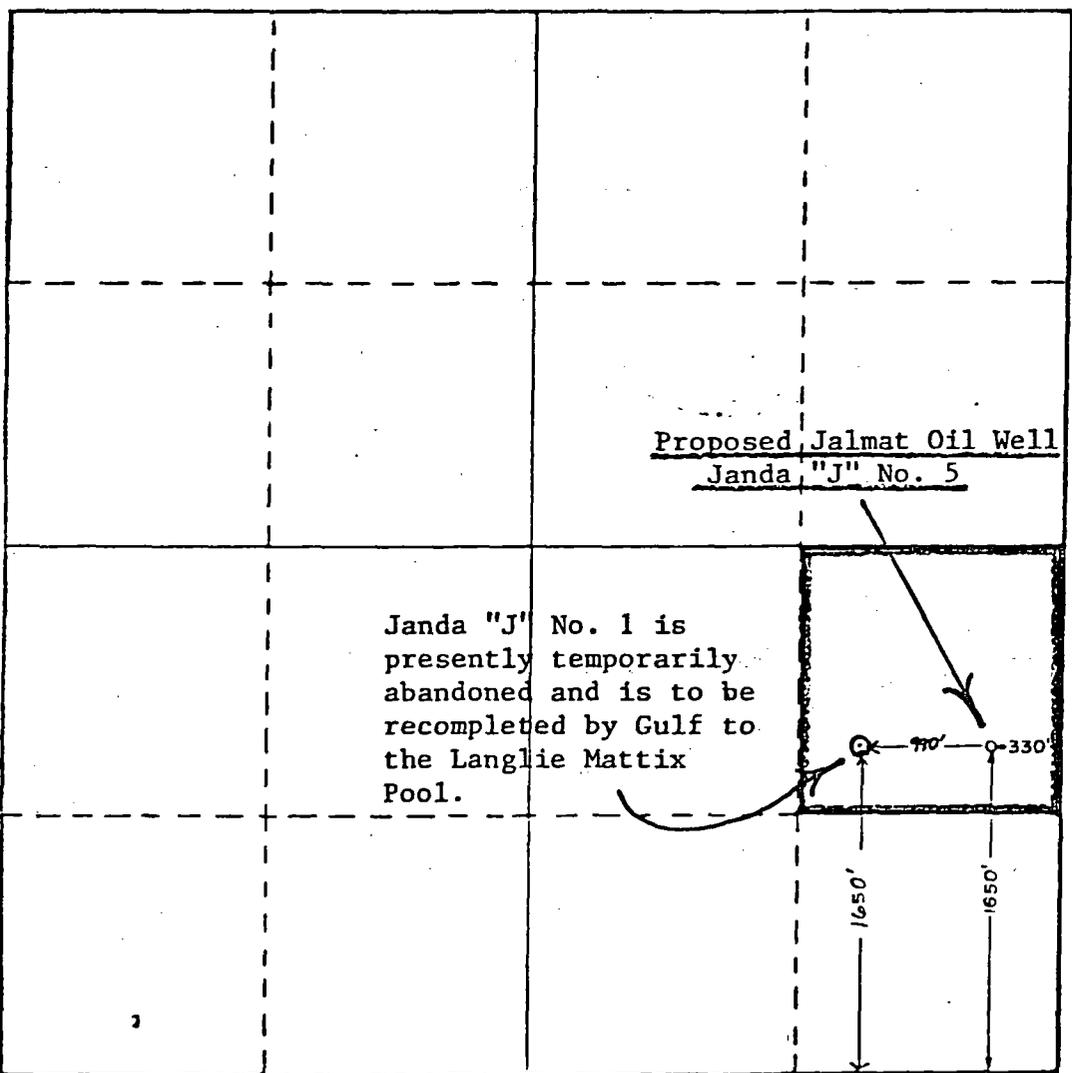
Operator DOYLE HARTMAN		Lease JANDA "J"		Well No. 5
Unit Letter 1	Section 4	Township 23 SOUTH	Range 36 EAST	County LEA
Actual Footage Location of Well: 1650 feet from the SOUTH line and 330 feet from the EAST line				
Ground Level Elev. 3486.7	Producing Formation Yates-Seven Rivers	Pool Jalmat (Oil)	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.

*Larry A. Nermyr*

Name  
Larry A. Nermyr

Position  
Engineer

Company  
Doyle Hartman

Date  
August 27, 1984

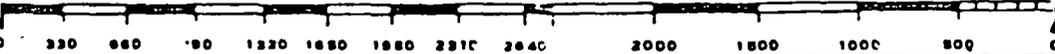
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
8-23-84

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 676  
ALL: RONALD J. ELDSON, 3239



INFILL DRILLING FINDINGS 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

I.

Operator Doyle Hartmen Well Name and No. J. F. Janda (NCT-J) Well #5  
Location: Unit I Sec. 4 Twp. 23S Rng. 36E Cty. Lea

II.

THE DIVISION FINDS:

- (1) That 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) That by 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) That the well for which a finding is sought is to be completed in the Jalmat Pool, and the standard spacing unit in said pool is 640 acres.
- (4) That a 160-acre proration unit comprising the \_\_\_\_\_ of Sec. 4, Twp. 23S, Rng. 36E, is currently dedicated to the applicant's I.F. Janda (NCT-J) well #1 located in Unit I of said section.
- (5) That this proration unit is ( ) standard (  ) nonstandard; if nonstandard, said unit was previously approved by Order No. NSP-605.
- (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
- (7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 259,750 MCF of gas from the proration unit which would not otherwise be recovered.
- (8) That all the requirements of Order No. R-6013 have been complied with, and that 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) That 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:

- (1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. 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) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this 13 day of March, 19 86

Remarks: The subject well is  
presently classified as an oil well  
and has dedicated thereon  
40-acres comprising the NE/4 SE/4  
(Unit I) of said Section 4

DIVISION DIRECTOR \_\_\_\_\_ EXAMINER \_\_\_\_\_