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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

ADMINISTRATIVE ORDER

NFL 127

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 Hartman Well Name and No. J. F. Janda (NCT-G) Well #2

Location: Unit G Sec. 24 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 Gas Pool, and the standard spacing unit in said pool is 640 acres.

(4) That a 160 -acre proration unit comprising the NE/4 of Sec. 24, Twp. 23S, Rng. 36E, is currently dedicated to the applicant's J.F. Janda (NCT-G) Well#1 located in Unit A of said section.

(5) That this proration unit is ( ) standard (X) nonstandard; if nonstandard, said unit was previously approved by Order No. R-520.

(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 307,400 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.

Michael E. Stogner

DIVISION DIRECTOR ___ EXAMINER ✓

Remarks: The subject well is currently dedicated the same acreage under NSP-1438 Dated 10-21-84.

DOYLE HARTMAN
Oil Operator
500 N. MAIN
P.O. BOX 10426
MIDLAND, TEXAS 79702
(915) 684-4011

January 17, 1985

JAN 21 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
Janda G No. 2
1980 FNL & 1650 FEL (G)
Section 24, 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 Janda G No. 2 located 1980 FNL & 1650 FEL (G) Section 24, T-23-S, R-36-E, Lea County, New Mexico.

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 (Gas) Pool, and the standard spacing unit therefor is 640 acres.

Rule 7 — The number of the Administrative Order approving the nonstandard proration unit dedicated to the well is NSP-1438.

Rule 8 — Table 1 attached to William P. Aycock's letter dated January 15, 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 15, 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 Janda G No. 2 (Infill Jalmat (Gas) Well)

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.

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

30-025-29007

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [X] 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 [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well: UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600'	Yates-7 Rivers	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3342.6 G.L.	Multi-approved	Undetermined	November 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	9-5/8	36.0	400	600	Surface
8-3/4	7	23.0	3600	700	Surface

The proposed well will be drilled to a total depth of 3600' and will be completed as a Jalmat (Yates-Seven Rivers) Gas well. 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.

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

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

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

Signed Larry A. Neuman Title Engineer Date October 23, 1984

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE OCT 25 1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/25/85
UNLESS DRILLING UNDERWAY

OCT 26 1984

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	Lease	Well No.
DOYLE HARTMAN	JANDA "G"	2

Unit Letter	Section	Township	Range	County
G	24	23 SOUTH	36 EAST	LEA

Actual Footage Location of Well:
1980 feet from the NORTH line and 1650 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3342.6	Yates-Seven Rivers	Jalmat (Gas)	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

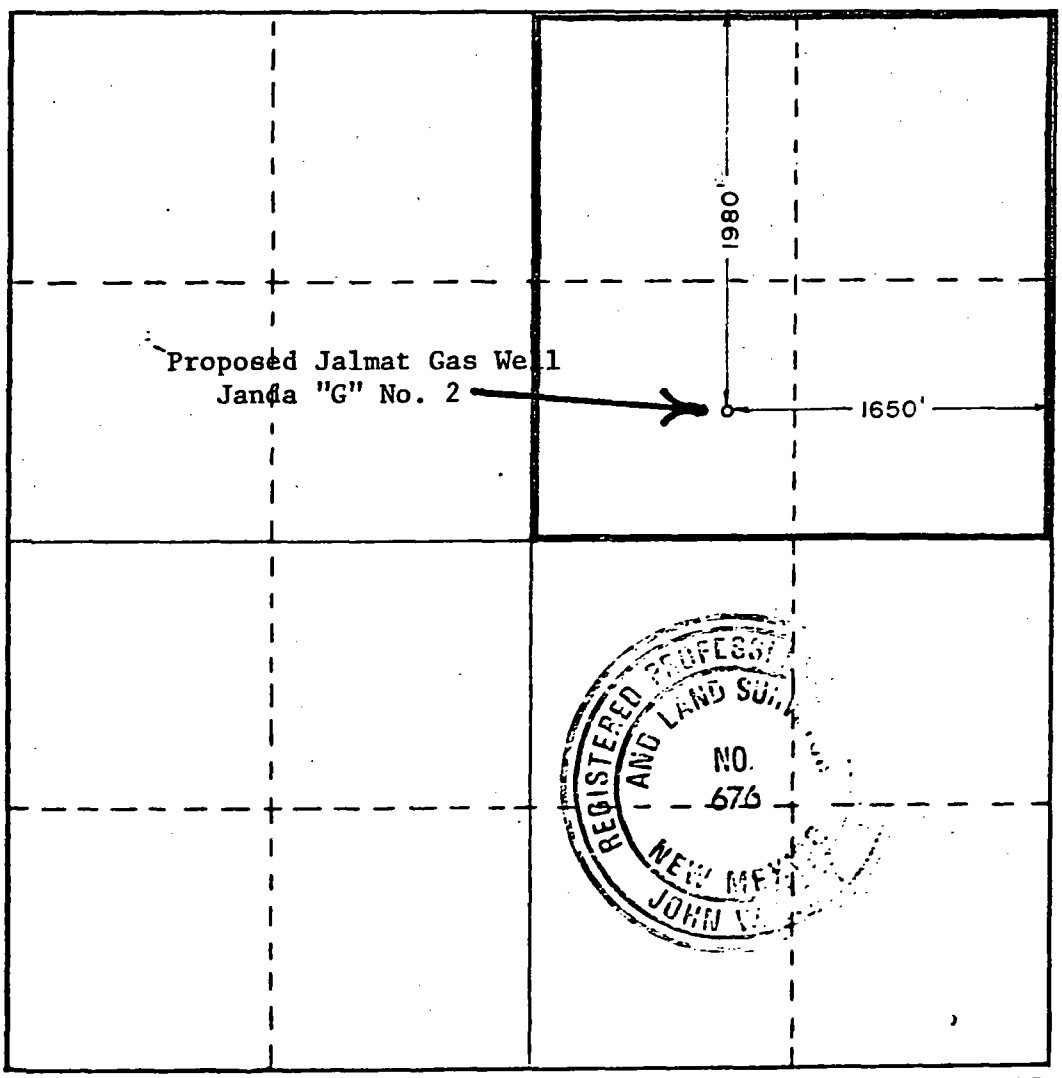
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: October 23, 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

OCT 26 1984

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

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

October 12, 1984

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

Attention: Michelle Hembree

Administrative Order NSP-1438

Gentlemen:

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

LEA COUNTY, NEW MEXICO
TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 24: NE/4

It is my understanding that this unit is to be dedicated to your J. F. Janda NCT-G No. 2 to be located 1980 feet from the North line and 1650 feet from the East line of said Section 24.

By authority granted me under the provisions of Rule 104 D II of the Division Rules and Regulations, the above non-standard proration unit is hereby approved.

Sincerely,

R. L. STAMETS,
Acting Director

RLS/dp

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

OCT 18 1984

WILLIAM P. AYCOCK & ASSOCIATES, INC.
Petroleum Engineering Consultants
1207 West Wall
MIDLAND, TEXAS 79701
PHONE 915/683-5721

January 15, 1985

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

Attention Mr. Mike Stogner

Subject: Administrative Application for
Infill Well Findings for
Doyle Hartman Janda NCT-G Federal No. 2
Section 24, Township 23 South,
Range 36 East, 1980' FNL & 1650' FEL
Jalmat (Gas) 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 the Forms C-101 and C-102.

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

Rule 7: The non-standard proration unit and unorthodox well location were approved administratively by Order No. NSP-1438, a copy of which is attached hereto. This Order was executed October 12, 1984, by Mr. R. L. Stamets, Acting Director of the Oil Conservation Division.

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 (Gas) Pool to which the present 160-acre non-standard proration unit was assigned was the Gulf Oil Exploration and Production Company J. F. Janda NCT-G No. 1; this well was last produced in October 1979, and this well was temporarily abandoned on January 14, 1980, with an accumulative gas production from this well of 8,077.0 MMCF as of January 1, 1980. As can be ascertained from the attached summarized completion data with well log for the Gulf Oil Exploration and Production Company Janda NCT-G No. 1, this well is completed over a 536-foot thick interval between depths of 2816 feet and 3352 feet. The Doyle Hartman Janda NCT-G No. 2 is completed from a 268-foot thick gross internal between depths of 2931 feet and 3199 feet containing an estimated 50 feet of net effective pay.

Therefore, the reason that the pre-existing Gulf Oil Exploration and Production Company Janda NCT-G No. 1 cannot efficiently and effectively drain the portion of the reservoir covered by proration unit can be summarized as follows:

1. Gulf Oil Exploration and Production Company Janda NCT-G No. 1 last produced from the Jalmat (Gas) Pool in October 1979.

2. Gulf Oil Exploration and Production Company Janda NCT-G No. 1 was temporarily abandoned effective January 14, 1980.

3. Therefore, any Jalmat (Gas) Pool remaining recoverable gas reserves beneath the assigned 160-acre proration unit comprising the NE/4 Section 24, Township 23 South, Range 36 East, as of January 14, 1980, could not have been produced without the drilling and completion of the Doyle Hartman J. F. Janda NCT-G No. 2.

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 (Gulf Oil Exploration and Production Company) Janda NCT-G Lease.

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 Janda NCT-G No. 2 is 307.4 MMCF. Since there was no estimated remaining gas to be recovered from the proration unit assigned to this infill well from the Gulf Oil Exploration and Production Company Janda NCT-G No. 1, the increased ultimate recovery is 307.4 MMCF. The estimate of increased recovery for the Doyle Hartman Janda NCT-G No. 2 was accomplished as follows:

(1) Well logs for the Doyle Hartman Janda NCT-G No. 2 were analyzed, resulting in the following:

Mean Porosity, Fraction of Bulk Volume	0.198
Mean Connate Water Saturation, Fraction of Net Effective Pore Volume	0.280
Net Effective Pay Thickness, Feet	50.

Since the gross pay thickness constituting potential gas reservoir for the Hartman Janda NCT-G No. 2 is 268 feet, the above represents a net effective pay thickness to gross pay thickness ratio of 19 percent.

(2) The production tests for the Doyle Hartman Janda NCT-G No. 2 performed on January 3, through 6, 1985, were analyzed, resulting in the following:

Stabilized Deliverability Coefficient, MCF/day per $psia^2$	7.61639×10^{-2}
Initial Stabilized Wellhead Shut-in Pressure (Pc), psia on December 12, 1984	132.2
Initial Gas Formation Volume Factor scf/rcf	8.935

(3) The results of steps (1) and (2) were then combined, resulting in the following:

Original Gas-in-Place	
MMCF/Acre	2.783
MMCF/160 Acres	445.231
Estimated Gas Recovery Factor, Fraction of Original Gas-in-Place	0.691
Estimated Ultimate Recovery, MMCF per 160 acres	307.4

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

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

Form C-105 for the Hartman J. F. Janda NCT-G No. 2.

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Gulf Oil Exploration and Production Company J. F. Janda NCT-G No. 1 and the infill Doyle Hartman J. F. Janda NCT-G No. 2.

New Mexico Oil Conservation Division Order No. NSP-1438.

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

Attachments

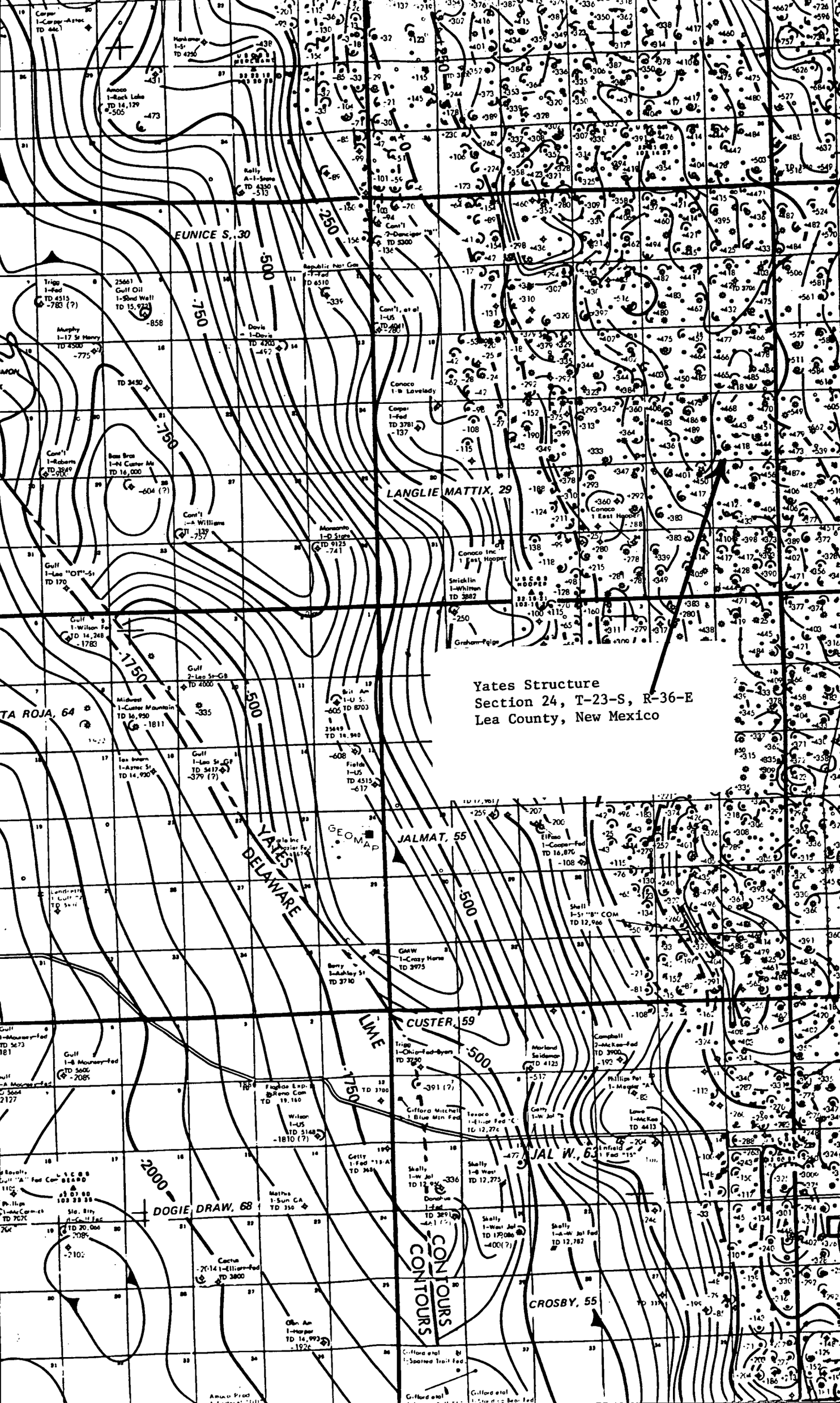
TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A,

(SECTIONS "a." THROUGH "f.")

NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

SECTION OF RULE 8	RULE 8 REQUIREMENT	PRE-EXISTING WELL GULF OIL EXPL. & PROD. CO.	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
a.	Lease name and Well Location	J. F. Janda NCG-G No. 1 1980' FN&WL	J. F. Janda NCG-G No. 2 1980' FNL & 1650' FEL
b.	Spud Date	May 12, 1948	November 25, 1985
c.	Completion Date	June 8, 1948	December 13, 1984
d.	Mechanical Problems	None	None
e.	Current Rate of Production	Ceased Production Oct. 1979; Temp. abandoned January 14, 1980	Form C-105: 61 MCF/Day on December 14, 1984
f.	Date of Plug and Abandonment	Not plugged	Not plugged


EUNICE S., 30
LANGLIE MATTIX, 29
JALMAT, 55
CUSTER, 59
JAL W., 63
CROSBY, 55
DOGIE DRAW, 68
TA ROJA, 64
YATES
DELAWARE
LIME
CONTOURS
CONTOURS
-250
-500
-750
-1750
-2000
Yates Structure
Section 24, T-23-S, R-36-E
Lea County, New Mexico

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Revised 8-1-78

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

5a. Indicate Type of Lease: State [X] Fee [ ]

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

1a. TYPE OF WELL

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER [ ]

OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER DEC 26 1984

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-25-84	12-03-84	12-13-84	3342.6 G.L.	3343

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3800	3756	-----	→	0-3800	-----

24. Producing Interval(s), of this completion — Top, Bottom, Name

2931-3199 w/23 Yates-Seven Rivers

25. Was Directional Surv 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	430	12-1/4	300 sx (circ)	none
7	26	3800	8-3/4	1400 sx (circ)	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3731	none

31. Perforation Record (Interval, size and number)

23 shots with one shot each at: 2931, 2970, 2986, 2988, 3020, 3023, 3027, 3030, 3034, 3073, 3076, 3082, 3085, 3089, 3101, 3104, 3107, 3111, 3146, 3159, 3165, 3179, 3199

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2931-3199	A/5800 15% MCA

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
12-13-84	Pumping (8 x 64 x 1-1/4)	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
12-14-84	24	24/64	→	-----	61	---	-----

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-----	22	→	-----	61	-----	------

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. Nenney TITLE Engineer DATE December 14, 1984

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after completion of the well or after completion of any newly-drilled or deepened 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 zone. The form is to be filed in quintuplicate except for state land, where six copies are required. See Rule 1105.

J. F. Janda G No. 2

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy 1180	T. Canyon		T. Ojo Alamo	T. Penn. "B"	
T. Salt 1275	T. Strawn		T. Kirtland-Fruitland	T. Penn. "C"	
B. Salt 2707	T. Atoka		T. Pictured Cliffs	T. Penn. "D"	
T. Yates 2864	T. Miss		T. Cliff House	T. Leadville	
T. 7 Rivers 3120	T. Devonian		T. Menefee	T. Madison	
T. Queen 3482	T. Silurian		T. Point Lookout	T. Elbert	
T. Grayburg	T. Montoya		T. Mancos	T. McCracken	
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Qtzte	
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 2931 to 3199 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
1180	1275	95	Anhydrite				
1275	2707	1432	Salt and Anhydrite				
2707	2864	157	Dolomite and Anhydrite				
2864	3120	256	Sandstone and Dolomite				
3120	3482	362	Sandstone & Dolomite				
3482	3596	114	Dolomite, sand, & salt				
3596	3800	204	Dolomite and Sandstone				

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PRORATION OFFICE		

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

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

I.

Operator
Doyle Hartman

Address
Post Office Box 10426 Midland, Texas 79702

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

Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
J. F. Janda (NCT-G)	2	Jalmat (Gas) Yates-7 Rivers	State, Federal or Fee State	B-229

Location
Unit Letter G ; 1980 Feet From The North Line and 1650 Feet From The East
Line of Section 24 Township 23S Range 36E , NMPM, Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ] — Address (Give address to which approved copy of this form is to be sent)

Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X] — Address (Give address to which approved copy of this form is to be sent)
Northern Natural Gas Company — Suite 400 Texas American Bank Bldg Midland, TX 79701

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					NO	December 18, 1984

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
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
11-25-84	12-13-84	3800	3756
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3342.6 G.L.	Yates-Seven Rivers	2931	3731
Perforations			**Depth Casing Shoe**
2931-3199 w/23 Yates-Seven Rivers			3800

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4	9-5/8	430	300 sx (circ)
8-3/4	7	3800	1400 sx (circ)

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

OIL WELL

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
61	24 hours	-----	-------
Testing Method (pitot, back pr.)	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**
Orifice Tester	-----	CP= 22 psi (SICP= 119)	24/64

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. Nenney
(Signature)

Engineer
(Title)

December 14, 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.

30-025-29007

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [X] FEE [ ]

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well: UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600'	Yates-7 Rivers	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3342.6 G.L.	Multi-approved	Undetermined	November 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	9-5/8	36.0	400	600	Surface
8-3/4	7	23.0	3600	700	Surface

The proposed well will be drilled to a total depth of 3600' and will be completed as a Jalmat (Yates-Seven Rivers) Gas well. 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.

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

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

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

Signed Larry A. Kemp Title Engineer Date October 23, 1984

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE OCT 25 1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/25/85
UNLESS DRILLING UNDERWAY

OCT 26 1984

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	Lease	Well No.
DOYLE HARTMAN	JANDA "G"	2

Unit Letter	Section	Township	Range	County
G	24	23 SOUTH	36 EAST	LEA

Actual Footage Location of Well: 1980 feet from the NORTH line and 1650 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3342.6	Yates-Seven Rivers	Jalmat (Gas)	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

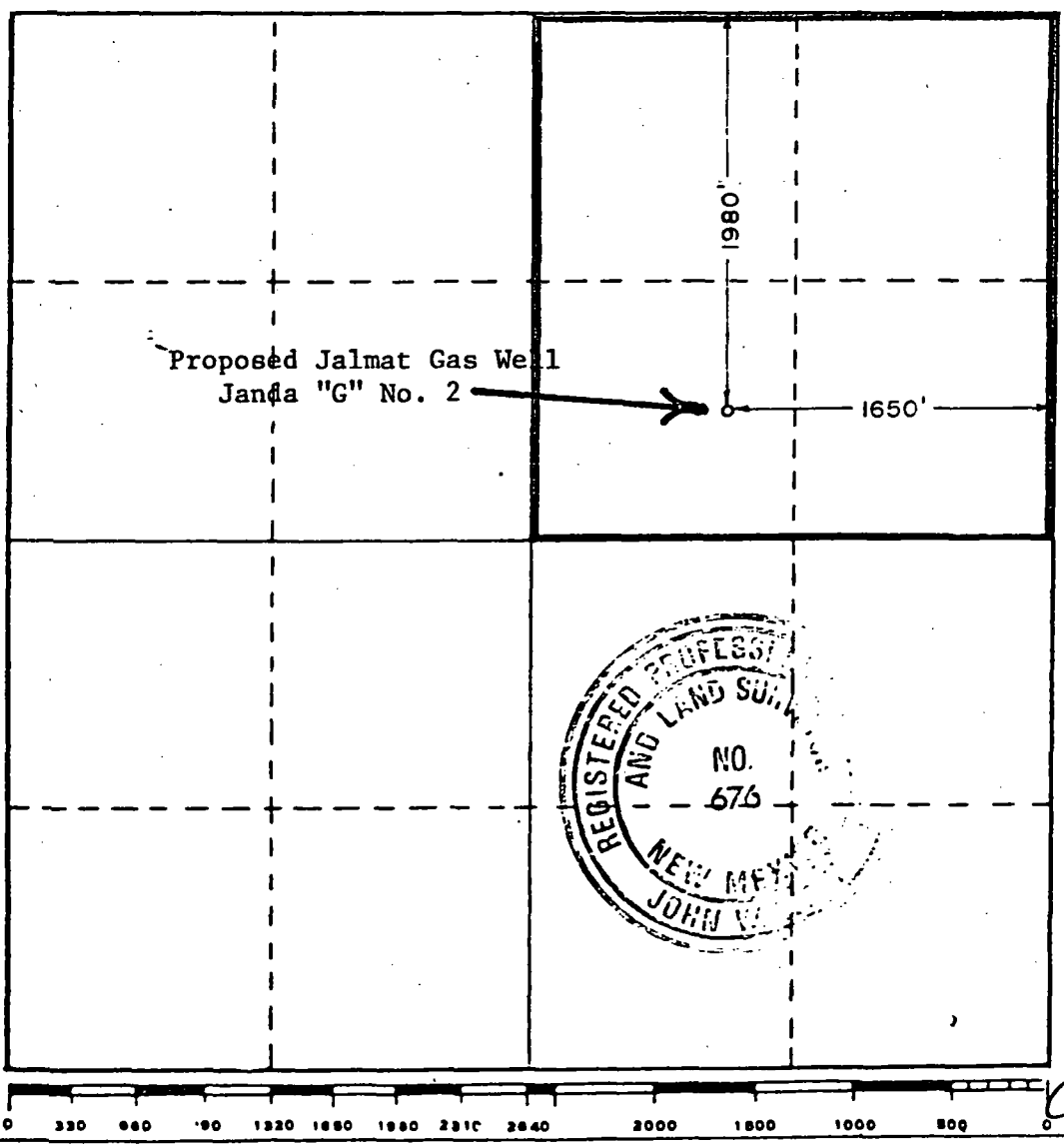
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: October 23, 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

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

OCT 26 1984

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

Form C-103
Revised 10-1-7

5a. Indicate Type of Lease: State [X] 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 [X] OTHER-

7. Unit Agreement Name:

Name of Operator: Doyle Hartman

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

Address of Operator: Post Office Box 10426 Midland, Texas 79702

9. Well No.: 2

Location of Well: UNIT LETTER G, 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

10. Field and Pool, or Wildcat: Jalmat (Gas)

15. Elevation (Show whether DF, RT, GR, etc.): 3342.6 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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [X]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [X]	
OTHER [ ]		OTHER [ ]	

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

Spudded well at 8:30 p.m. CST 11-25-84. Drilled well to 432'. Ran 11 joints (428.28') of 9-5/8" OD, 40 lb/ft, Grade B casing and landed at 430'. Cemented with 300 sx Class C cement containing 2% CaCl. Plug down at 9:30 a.m. CST 11-26-84. Circulated 10 sx of excess cement to pit. WOC 18 hours. Pressure tested casing to 700 psi. Pressure held okay.

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

SIGNED Michelle Hembree TITLE Administrative Assistant DATE November 27, 1984

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE NOV 29 1984

CONDITIONS OF APPROVAL, IF ANY:

NOV 30 1984

ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. Unit Agreement Name

OIL WELL [ ] GAS WELL [X] OTHER-

Name of Operator
Doyle Hartman

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

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

9. Well No.
2

Location of Well
UNIT LETTER G, 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

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

15. Elevation (Show whether DF, RT, GR, etc.)
3342.6 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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER Change proposed depth to 3800' [X]		OTHER [ ]	

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

We intend to drill subject well to a proposed depth of 3800 feet. After obtaining approval for this well and spudding well, we acquired deeper rights. We plan to use this well to penetrate and log deeper formations. This well will be completed as a Jalmat (Yates-Seven Rivers) gas well as approved on the C-101.

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

SIGNED Larry A. Nemmers TITLE Engineer DATE November 28, 1984

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE NOV 30 1984

CONDITIONS OF APPROVAL, IF ANY:

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ENERGY AND MINERALS DEPARTMENT

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CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL [ ] GAS WELL [X] OTHER-

7. Unit Agreement Name

Name of Operator
Doyle Hartman

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

Address of Operator
Post Office Box 10426 Midland, Texas 79702

9. Well No.
2

Location of Well
UNIT LETTER G , 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

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

15. Elevation (Show whether DF, RT, GR, etc.)
3342.6 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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [X]	
OTHER [ ]		OTHER [ ]	

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

Drilled well to a total depth of 3800'. Ran 94 joints (3819') of 7" OD, 26 lb/ft, LT&C casing and landed at 3800'. Cemented with 900 sx of Class-C cement containing 3% Econolite and 1/2 lb/sx Floseal followed by 500 sx of a 50-50 blend of API Class-C cement and Pozmix A containing 18% salt and 1/2 lb/sx Floseal. Plug down at 3:15 p.m. CST 12-04-84. Circulated 485 sx of excess cement to pit. Pressure tested casing to 1500 psi and pressure held okay. Released pressure and float held okay.

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

SIGNED Michelle Hamilton TITLE Administrative Assistant DATE December 10, 1984

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE DEC 13 1984

CONDITIONS OF APPROVAL, IF ANY:

DEC 14 1984

INCLINATION REPORT

OPERATOR DOYLE HARTMAN ADDRESS P. O. BOX 10426, MIDLAND, TX 79702

LEASE NAME JANDA G. WELL NO. #2 FIELD

LOCATION

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
432	1	7.5600	7.5600
913	½	4.1847	11.7447
1281	½	3.2016	14.9463
1565	3/4	3.7204	18.6667
2050	1¼	10.5730	29.2397
2550	2¼	19.6500	48.8897
2613	2 3/4	3.0240	51.9137
2708	2 3/4	4.5600	56.4737
2803	2 3/4	4.5600	61.0337
3022	2	7.6431	68.6768
3117	1 3/4	2.8975	71.5743
3368	1¼	5.4718	77.0461
3558	1 3/4	5.7950	82.8411
3800	1½	6.3404	89.1815

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Debra Kelly

TITLE DEBRA KELLY, OFFICE MANAGER

DEC 26 1984

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBRA KELLY known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Debra Kelly

AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 6th day of DECEMBER, 1984

SEAL

OFFICIAL SEAL
SIGNATURE Garlin R. Taylor
GARLIN R. TAYLOR
NOTARY PUBLIC-NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
MY COMMISSION EXPIRES FEBRUARY 6, 1988

Notary Public in and for the County of Lea, State of New Mexico

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Form C-105
Revised 1-65

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

5a. Indicate Type of Lease: State [X] Fee [ ]

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

1a. TYPE OF WELL
b. TYPE OF COMPLETION
OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

DEC 26 1984

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-25-84	12-03-84	12-13-84	3342.6 G.L.	3343

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3800	3756	-----	→	0-3800	-----

24. Producing Interval(s), of this completion — Top, Bottom, Name
2931-3199 w/23 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	430	12-1/4	300 sx (circ)	none
7	26	3800	8-3/4	1400 sx (circ)	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3731	none

31. Perforation Record (Interval, size and number)
23 shots with one shot each at: 2931, 2970, 2986, 2988, 3020, 3023, 3027, 3030, 3034, 3073, 3076, 3082, 3085, 3089, 3101, 3104, 3107, 3111, 3146, 3159, 3165, 3179,3199

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2931-3199	A/5800 15% MCA

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
12-13-84	Pumping (8 x 64 x 1-1/4)	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
12-14-84	24	24/64		-----	61	---	-----

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-----	22		-----	61	-----	------

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. Nenney TITLE Engineer DATE December 14, 1984

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

J. F. Janda G No. 2

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1180	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1275	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2707	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2864	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3120	T. Devonian		T. Menefee		T. Madison	
T. Queen	3482	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
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 2931 to 3199 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
1180	1275	95	Anhydrite				
1275	2707	1432	Salt and Anhydrite				
2707	2864	157	Dolomite and Anhydrite				
2864	3120	256	Sandstone and Dolomite				
3120	3482	362	Sandstone & Dolomite				
3482	3596	114	Dolomite, sand, & salt				
3596	3800	204	Dolomite and Sandstone				

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TRANSPORTER GAS		
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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

I.

Operator: Doyle Hartman

Address: Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing (Check proper box)

- New Well [X]
- Recompletion [ ]
- Change in Ownership [ ]
- Change in Transporter of: Oil [ ] Dry Gas [ ] Casinghead Gas [ ] Condensate [ ]

Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
J. F. Janda (NCT-G)	2	Jalmat (Gas) Yates-7 Rivers	State, Federal or Fee State	B-229

Location

Unit Letter G : 1980 Feet From The North Line and 1650 Feet From The East

Line of Section 24 Township 23S Range 36E , NMPM, Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address (Give address to which approved copy of this form is to be sent)
Northern Natural Gas Company	Suite 400 Texas American Bank Bldg Midland, TX 79701

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					NO	December 18, 1984

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.
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
11-25-84	12-13-84	3800	3756
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3342.6 G.L.	Yates-Seven Rivers	2931	3731
Perforations			**Depth Casing Shoe**
2931-3199 w/23 Yates-Seven Rivers			3800

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4	9-5/8	430	300 sx (circ)
8-3/4	7	3800	1400 sx (circ)

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

OIL WELL

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
61	24 hours	-----	------
Testing Method (pitot, back pr.)	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**
Orifice Tester	-----	CP= 22 psi (SICP= 119)	24/64

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 G. Nemrow
(Signature)

Engineer
(Title)

December 14, 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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: B-229-1

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 [X] OTHER-

7. Unit Agreement Name:

Name of Operator: GULF OIL CORPORATION

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

Address of Operator: P.O. Box 670, Hobbs, NM 88240

9. Well No.: 1

Location of Well: UNIT LETTER A, 990 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

10. Field and Pool, or Wildcat: Jalmat Gas

15. Elevation (Show whether DF, RT, GR, etc.): 3355'

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	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]			COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]	CHANGE PLANS	[ ]	CASING TEST AND CEMENT JOB	[ ]		
OTHER	[ ]			OTHER Well status report			[X]

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

Well has been temporarily abandoned as uneconomical to produce.

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

SIGNED M. B. Sikes, Jr. TITLE Area Engineer DATE 1-14-80

APPROVED BY Orig. Signed by John Runyan Geologist TITLE _____ DATE JAN 15 1980

CONDITIONS OF APPROVAL, IF ANY: Expires 1/15/81

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(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 "G"

Well No. 1 Unit Letter A S 24 T 23S R 36E Pool Jalmat Gas

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 Northern Natural Gas Company

Address Hobbs, N. Mex. Date Connected _____
(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 (X) C'head ( ) Condensate ( )

Change in Ownership ____ ( ) Other ____ (X)

Remarks: (Give explanation below)

Change in name of transporter

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

Executed this the 11 day of February 1961

By W. M. Whitaker

Title Area Petroleum Engineer

Company Gulf Oil Corporation

Address Box 766

Kermit, Texas

Approved _____ 19 ___

OIL CONSERVATION COMMISSION

By Leslie A. Clements

Title _____

(Form C-110)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

It is 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 QUADRUPLICATE.

1955 MAR 16 PM 3:27

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

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

Unit A, Well(s) No. 1, Sec. 24, T. 23-S, R. 36-E, Pool Jalmat

County Lea Kind of Lease: State

If Oil well Location of Tanks -

Authorized Transporter Permian Basin Pipeline Co. Address of Transporter

Hobbs, N. M. (Local or Field Office), Omaha, Neb. (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 11th day of March 1955

Gulf Oil Corporation

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

OIL CONSERVATION COMMISSION

By D. J. Stanley

Title

By E. J. Foster

Title Area Supt. of Prod.

(See Instructions on Reverse Side)

RECEIVED
DEC 10 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Gas Well Plat

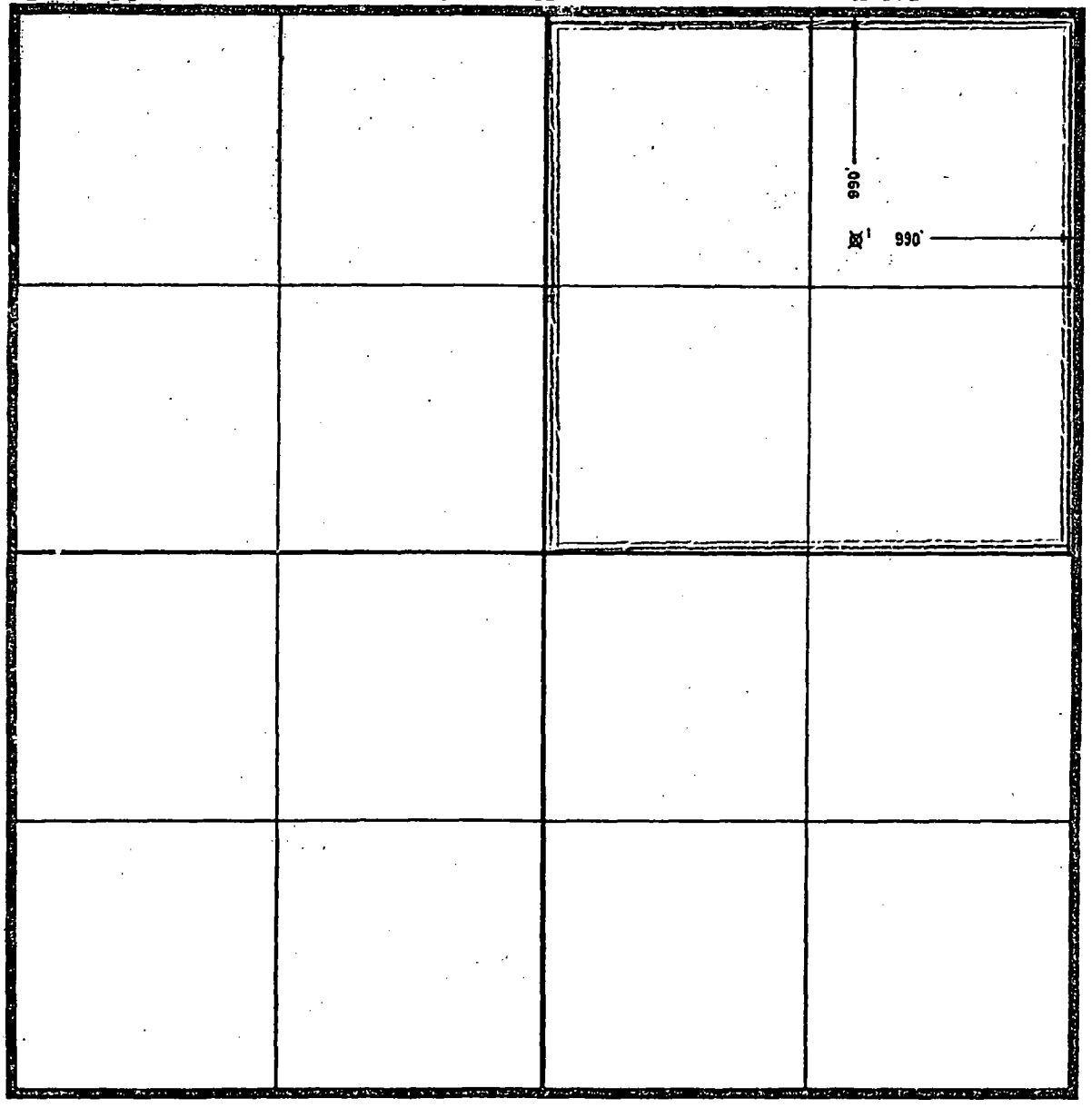
Date November 27, 1953

Gulf Oil Corporation	J. F. Janda "G"	1
Operator	Lease	Well No.

Name of Producing Formation Yates-Seven Rivers Pool Langmat Gas

No. Acres Dedicated to the Well 160

SECTION 24 TOWNSHIP 23S RANGE 36E



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

Name J. W. Cole J. W. Cole, Jr.
Position Division Gas Engineer
Representing Gulf Oil Corporation
Address P. O. Box 1290, Fort Worth, Texas

⊠' - Gas Well
Red - Lease Line
Blue - Acreage Dedicated

(over)

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	9-5/8"	297'	250	HOWCO		
7-7/8"	5½"	2816'	450	"		

PLUGS AND ADAPTERS

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

Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		none				

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0' feet to 3352 feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing Shut-in. Will be put to production when facilities for sale are completed.

The production of the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... %

emulsion; ..... % water; and ..... % sediment. Gravity, Be.....

If gas well, cu. ft. per 24 hours 15,000,000 MCF, extended Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in. 1245

EMPLOYEES

Wiggins Drilling Company, Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

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

Subscribed and sworn to before me this 16th day of June, 1948

L. M. Vaughan
Notary Public

My Commission expires 10-24-49

Hobbs, New Mexico (Place) June 16, 1948 (Date)

Name E. E. Gallagher

Position District Supt.

Representing Gulf Oil Corporation (Company or Operator)

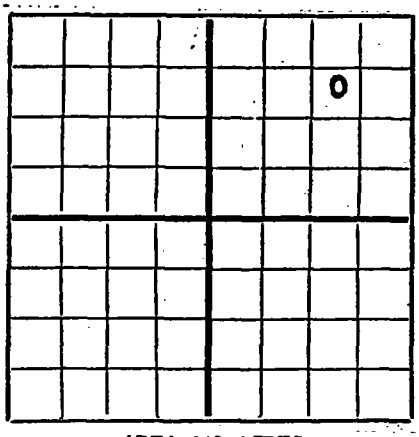
Address Box 1667, Hobbs, New Mexico

DUPLICATE

RECEIVED
JUN 17 1948
HOBBS OFFICE

FORM C-105

N



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation (Company or Operator) Hobbs, New Mexico (Address)

J. F. Janda "G" (Lease) Well No. 1 in SW NE NE of Sec. 24, T. 23 S

R. 36 E, N. M. P. M., Langlie-Mattis Field, Lea County.

Well is 990 feet south of the North line and 990 feet west of the East line of Section 24

If State land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is Mr. Matkins, Address Jal, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is Gulf Oil Corporation - Gypsy Division, Address Tulsa, Oklahoma

Drilling commenced May 11, 19 48. Drilling was completed June 2, 19 48

Name of drilling contractor Wiggins Drilling Company, Address Hobbs, New Mexico

Elevation above sea level at top of casing 3355 feet.

The information given is to be kept confidential until ..... 19.....

GAS ~~OIL~~ SANDS OR ZONES

No. 1, from 2870 to 2945 No. 4, from 3275 to 3315

No. 2, from 3010 to 3130 No. 5, from ..... to .....

No. 3, from 3155 to 3240 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 (Rotary tools) feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
9-5/8"	40#	8 V	SH						
	40#	8 V	SS	285'					
5½"	14#	8 Rd	SS	2804'					

Form C-108

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
JUN 17 1948
HOBBS OFFICE

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

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	5½"	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

June 16, 1948 (Date) Hobbs, New Mexico (Place)

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in the SW NE NE of Sec. 24, T. 23 S, R. 36 E, N. M. P. M., Langlie Mattix Field, Lea County.

The dates of this work were as follows: Cemented May 18, 1948. Tested May 21, 1948.

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on May 19, 1948 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The hole was washed down and the casing tested with 1200# pressure applied for 30 minutes. The plug was drilled and the casing tested with 1200# pressure applied for 30 minutes. Both tests were OK, and after approval of Mr. Yarbrough, State Oil and Gas Inspector, preparations were made to complete the well.

Top of cement behind 5½" csg @ 885' per temperature survey.

Witnessed by J. B. Schroeder (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Subscribed and sworn before me this 16th day of June 1948

Notary Public

My commission expires 10-24-49

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

Name L. J. Gallagher

Position District Sup't.

Representing Gulf Oil Corporation (Company or Operator)

Address Box 1667, Hobbs, New Mexico

Remarks:

APPROVED
JUN 17 1948

R. A. Yarbrough
OIL & GAS INSPECTOR Name

Title

Form C-102

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

RECEIVED
MAY 17 1948
HOBBS OFFICE

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

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	9-5/8"	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico (Place) May 13, 1948 (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in Center of Sec. 24, T. 23 S, R. 36 E, N. M. P. M., Langlie-Mattix Field Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On May 12, 1948 ran 10 jts S.H. 9-5/8" OD 40# 8 V-thd Range 2 SS csg w/long T&C. Tallies 285', H-12, set @ 297'. Cemented by Halliburton w/250 sacks neat bulk cement. Plug @ 270'. Cement circulated OK. Job started 8 AM and completed 11:30AM.

Propose to drill plug and test shut-off at 11:30 PM May 13, 1948.

Approved MAY 17 1948, 19____
except as follows:

OIL CONSERVATION COMMISSION,
By Roy Yarbrough
Title OIL & GAS INSPECTOR

Gulf Oil Corporation
Company or Operator
By E. J. Gallagher
Position District Sup't.
Send communications regarding well to
Name E. J. Gallagher
Address Box 1667, Hobbs, New Mexico

Form C-108

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
MAY 17 1948
HOBBS OFFICE

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

Indicate nature of report by checking below.

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

May 13, 1948 (Date) Hobbs, New Mexico (Place)

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in the Center (Field) of Sec. 24, T. 23 S, R. 36 E, N. M. P. M., Langlie-Mattix Field, Lea County.

The dates of this work were as follows: Started drilling May 11, 1948.

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on April 29, 1948 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Contractor moved in and spudded at 10 PM May 11, 1948. Drilling 13-3/4" hole.

Witnessed by J. B. Schroeder (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Subscribed and sworn before me this 13th day of May 1948

M. W. Baughman
Notary Public

My commission expires 10-24-49

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

Name E. J. Gallagher

Position District Supt.

Representing Gulf Oil Corporation
Company or Operator

Address Box 1667, Hobbs, New Mexico

Remarks:

APPROVED
MAY 17 1948
Date.....

Roy Yarbrough
Name
OIL & GAS INSPECTOR
Title

Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

RECEIVED
MAY 3 1948
HOBBS, OFFICE

NOTICE OF INTENTION TO DRILL

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

Hobbs, New Mexico (Place) April 29, 1948 (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

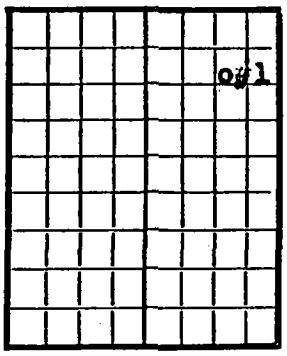
Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

Gulf Oil Corporation - Gypsy Div. (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in Center

of Sec. 24, T. 23S, R. 36E, N. M. P. M., Langlie-Mattix Field, Lea County.

N



AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is 990 feet (N/S) (S.) of the North line and 990 feet (E/W) (W.) of the East line of Section 24

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

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

If patented land the owner is Mr. Matkins

Address Jal, New Mexico

If government land the permittee is _____

Address _____

The lessee is Gulf Oil Corporation - Gypsy Division

Address Box 661, Tulsa 2, Oklahoma

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

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: _____

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

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
12-1/4"	9-5/8" OD	36#	New	300'	Cemented	200
7-7/8"	5-1/2" OD	14#	New	3400'	Cemented	600

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 3450 feet.

Additional information:

MAY 3 1948

Approved _____, 19__

except as follows: Cement must circulate back to top of salt section on 5 1/2" casing.

OIL CONSERVATION COMMISSION

By _____

Title OIL & GAS INSPECTOR

Sincerely yours,

Gulf Oil Corporation - Gypsy Division
(Company or Operator)

By Chas. Taylor

Position Asst District Superintendent

Send communications regarding well to

Name E. J. Gallagher

Address Box 1667, Hobbs, New Mexico

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

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.

Ft. Worth, Texas (Place) November 27, 1953 (Date)

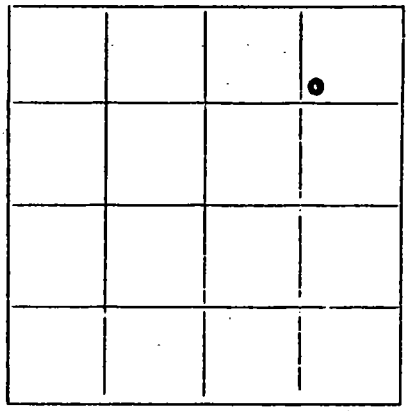
WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease), Well No. 1, in NE ¼ NE ¼,

A (Unit), Sec. 24, T. 23-S, R. 36-E, NMPM., Langmat Gas Pool

Lea County. Date Spudded 5/11/48, Date Completed 6/2/48

Please indicate location:



Elevation 3355' Total Depth 3352', P.B. -

Top oil/gas pay 2885' Top of Prod. Form 2885'

Casing Perforations: None or

Depth to Casing shoe of Prod. String 2816'

Natural Prod. Test ____ BOPD

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

Test after acid or shot ____ BOPD

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

Gas Well Potential Abs. O.F. 23,000 MCF 5/28/53

Size choke in inches ____

Date first oil run to tanks or gas to Transmission system: ____

Transporter taking Oil or Gas: Gulf Oil Corporation

Casing and Cementing Record

Size	Feet	Sax
9-5/8"	297	250
5-1/2"	2816	450

Remarks: (*) Form Filed in Compliance with Rule 12 of Order R-369-A

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

Approved DEC 21 1953, 19____

OIL CONSERVATION COMMISSION

By: L. G. Stanley
Engineer District I

Title ____

Gulf Oil Corporation
(Company or Operator)

By: J. W. Cole, Jr.
(Signature)

Title Division Gas Engineer

Send Communications regarding well to:

Name Gulf Oil Corporation

Address Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE December 21, 1953

TO: Gulf Oil Corporation

Box 2167, Hobbs, New Mexico

GENTLEMEN:

Form C-104 for your J. F. Janda "G" (LEASE) 1 (WELL) 24-23-36 (S.T.R.) Langmat (POOL)

has been approved, however, since this well is:

( ) An unorthodox location,

( ) Located on an unorthodox proration unit,

( ) Outside the boundaries of a designated pool,

it will be necessary for you to;

( ) Comply with the provisions of Rule 4 of Commission Order_____

( ) Comply with the provisions of Rule 7 of Commission Order_____

( ) File Form C-123

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

Normal 160 Acres

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

ALP/pb

cc/ Transporter Gulf Refining Co.

(Form C-110)
(Revised 7/1/52)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
DEC 10 1953
OIL CONSERVATION COMMISSION
HOBBS, OFFICE

It is 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 QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

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

Unit A, Well(s) No. 1, Sec. 24, T. 23S, R. 36E, Pool Langmat Gas

County Lea Kind of Lease: State

If Oil well Location of Tanks

Authorized Transporter Gulf Oil Corporation Address of Transporter

Hobbs, New Mexico (Local or Field Office), Fort Worth, Texas (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:

Filed in compliance with Rule 12 of Order R-369-A

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

Executed this the 27th day of November 1953

Gulf Oil Corporation

Approved DEC 21 1953, 19

OIL CONSERVATION COMMISSION

By A. L. Stanley
Engineer District I

Title

By J. W. Cole J. W. Cole, Jr.

Title Division Gas Engineer

(See Instructions on Reverse Side)

Form C-103

UPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
OCT 24 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

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

October 15, 1951 (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) Janda "G" (Lease) Well No. 1 in the

NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Teague Pool Lea County.

The dates of this work were as follows: June 8, 1951

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Rule No. 402

Shut In Pressure 1116# October 8, 1951

Back Pressure Test Volume 3,170 MCF

Witnessed by ..... (Name) ..... (Company) ..... (Title)

APPROVED:
OIL CONSERVATION COMMISSION

Name: Neal Yarbrough

Title: Oil & Gas Inspector

Date: OCT 24 1951, 19....

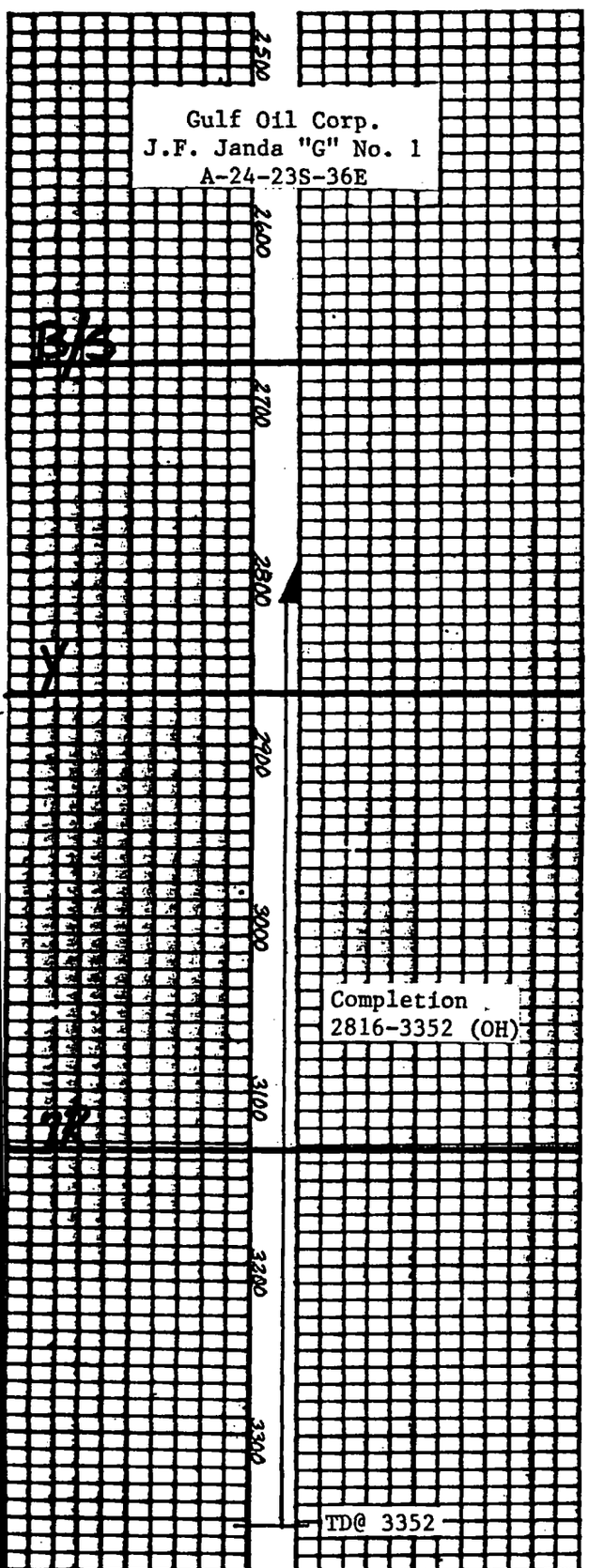
I hereby swear or affirm that the information given above is true and correct.

Name: D. L. Sears

Position: Gas Tester

Representing: Gulf Oil Corporation (Company or Operator)

Address: Hobbs, New Mexico



COMPANY Gulf Oil Corp.

WELL J. F. Janda "G" No. 1

FIELD Jalmat (Gas)

LOCATION 990 FNL & 990 FEL (A)
Section 24, T-23-S, R-36-E
(23-36-24-A)

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB
DF
GL 3355

COMPLETION RECORD

SPUD DATE 5-12-48 COMP. DATE 6-8-48

TD 3352 PBTD

CASING RECORD 9 5/8 @ 297 W/250
7 7/8 @ 2816 W/450

PERFORATING RECORD OH: 2816-3352

STIMULATION

IP IPF = 11094 MCFPD

GOR GR

TP CP

CHOKE TUBING @

REMARKS 5-28-53: AOF 23,000 MCF

10-79: Last Jalmat Gas Production

1979 Cum Prod: 8077 MMCF
1979 Avg. Prod: 24 MCFPD

1-14-80: Temporarily Abandoned

A-24-23S-36E

NO. OF COPIES RECEIVED		
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SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER OIL		
TRANSPORTER GAS		
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

I. Operator: Doyle Hartman

Address: Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing (Check proper box)

- New Well [ ]
- Recompletion [ ]
- Change in Ownership [X]
- Change in Transporter of: Oil [ ] Dry Gas [ ] Casinghead Gas [ ] Condensate [ ]
- 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	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
J. F. Janda (NCT-G)	1	Jalmat (Gas)	State, Federal or Fee State	B-229

Location: Unit Letter A ; 990 Feet From The North Line and 990 Feet From The East

Line of Section 24 Township 23S Range 36E , NMPM, Lea County

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

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address (Give address to which approved copy of this form is to be sent)
Northern Natural Gas Company	3300 North A St. Bldg 6, Suite 102 Midland, TX 79705

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					No	

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 Resv.	Diff. Resv.

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 (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)

OIL WELL

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. Nemmers
(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.

Form C-103

DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

RECEIVED
MAY 11 1951
OIL CONSERVATION COMMISSION
HOBBS, N. M.

Miscellaneous Reports on Wells

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

Indicate nature of report by checking below.

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

May 7, 1951 (Date) Hobbs, New Mexico (Place)

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

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

Gulf Oil Corporation (Company or Operator) Janda "G" (Lease) Well No. 1 in the

NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Teague Field Lea County.

The dates of this work were as follows: April 9, 1951

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

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Rule No. 402

Shut in pressure 1141#

Witnessed by ____ (Name) ____ (Company) ____ (Title)

Subscribed and sworn before me this 10th day of May, 1951

Avis Gilbreath
Notary Public

My commission expires 7-20-54

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

Name D. C. Lewis

Position Gas Tester

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Remarks:

APPROVED

Date MAY 11 1951

Roy Yarbrough
Name

Oil & Gas Inspector
Title

Form C-103

DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

NOV 20 1950

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Miscellaneous Reports on Wells

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

Indicate nature of report by checking below.

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

November 15, 1950 (Date) Hobbs, New Mexico (Place)

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

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

Gulf Oil Corporation (Company or Operator) Janda "G" (Lease) Well No. 1 in the

NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Teague Field Lea County.

The dates of this work were as follows:

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

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Rule No. 402

Shut in pressure October 6, 1950 - 1162#
Back pressure test volume - 3,600 MCF

Witnessed by (Name) (Company) (Title)

Subscribed and sworn before me this 20 day of Nov, 1950

Avis Silkwood
Notary Public

My commission expires July 20, 1954

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

Name D. L. Seaney

Position Gas Tester

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Remarks:

APPROVED
NOV 22 1950
Date

Ray Yarbrough (Name)
Oil & Gas Inspector (Title)

Form C-103

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED APR 27 1950 HOBBS OFFICE

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

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		24 Hr. Shut in Pressure Test	X

April 19, 1950 (Date) Hobbs, New Mexico (Place)

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

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

Gulf Oil Corporation (Company or Operator) Janda "G" (Lease) Well No. 1 Gas Well in the

C SW NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Langlie Mattix Field Lea County.

The dates of this work were as follows:

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

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hour shut in pressure - Rule No. 402. Casing pressure 1170 lbs. Tested by El Paso Natural Gas Co.

Witnessed by _____ (Name) _____ (Company) _____ (Title)

Subscribed and sworn before me this 27 day of April, 1950

_____ Notary Public

My commission expires 10/24/53

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

Name D. A. Sears

Position Gas Engineer

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Remarks:

APPROVED APR 27 1950

Date

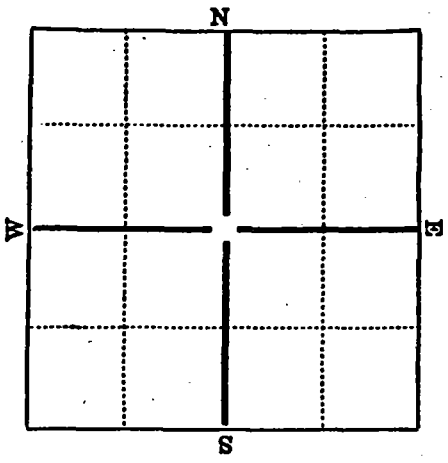
Roy Yarbrough (Name)

Oil & Gas Inspector (Title)

Langlie Mat
O

SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION



Company Gulf Oil Corp.

Farm Name J. E. Lynda "B" Well No. 1

Sec. 24 Twp. 23 Range 36 County Lea

Feet from Line: 990 N. S. 990 E. W.

Elevation 3355 Method

Contractor State

Spudded 5-12-48 Completed 6-8-48

AMOUNT CASING & CEMENTING RECORD

Size	Feet	Inches	Sax Cement
13 3/8	297		250

TUBING RECORD

PACKER

ACID RECORD

Gals.

	TA	TG
	TX	TSA
	TCA	TGI
	BX	TYo
	TY	TABo
	TSR	TPenn
Top Pay 2885	TQ	TOrd

SHOOTING RECORD

No. of Quarts	From	To
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date		Date	
4-5	Location		
MAY 12	Rigging up Rotary		
MAY 19	TD 2825 A Prep to run csg		
MAY 26	∅ 3029 L		
MAY 31	∅ 3292 L		
	TD 3352 L		
	IPF 11094 MCFPD (Grayburg)		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	9-5/8"	297'	250	HOWCO		
7-7/8"	5½"	2816'	450	"		

PLUGS AND ADAPTERS

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

Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		none				

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0' feet to 3352 feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing Shut-in. Will be put to production when facilities for sale are completed.

The production of the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... %

emulsion; ..... % water; and ..... % sediment. Gravity, Be.....

If gas well, cu. ft. per 24 hours 15,000,000 MCF, extended Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in. 1245

EMPLOYEES

Wiggins Drilling Company, Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

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

Subscribed and sworn to before me this 16th day of June, 1948

L. W. Baughman
Notary Public

My Commission expires 10-24-49

Hobbs, New Mexico (Place) June 16, 1948 (Date)

Name E. E. Gallagher

Position District Supt.

Representing Gulf Oil Corporation (Company or Operator)

Address Box 1667, Hobbs, New Mexico

FORMATION RECORD

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	305'	-	Red Bed
	800	———	Red Bed and Shells
	1145		Shells & Sandy Shale
	1190		Red Bed
	1295		Anhydrite
	1320	———	Salt
	2680		Salt & Anhydrite
	2695		Anhydrite
	2825		Anhydrite & Lime
	2903		Lime
	2932		Lime & Anhydrite
	3010		Lime
	3031		Lime & Shale
	3043		Sandy Lime
	3049		Lime & Stks. Shale
	3094		Lime
	3122		Lime & Shale
	3153		Sandy Lime
	3352	(TOTAL DEPTH)	Lime

FORMATION TOPS

Anhydrite	1190'
Base Salt	2680
Brown Lime	2730
GAS PAY	2870

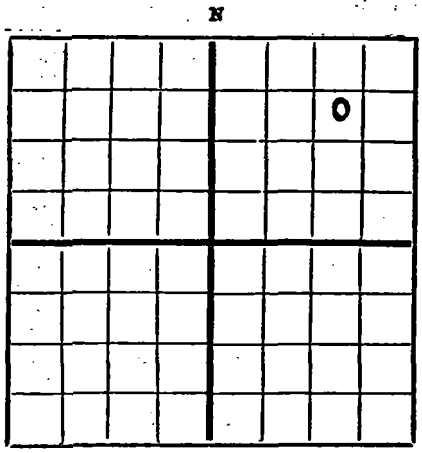
FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	305'	-	Red Bed
	800		Red Bed and Shells
	1145		Shells & Sandy Shale
	1190		Red Bed
	1295		Anhydrite
	1320		Salt
	2680		Salt & Anhydrite
	2695		Anhydrite
	2825		Anhydrite & Lime
	2903		Lime
	2932		Lime & Anhydrite
	3010		Lime
	3031		Lime & Shale
	3043		Sandy Lime
	3049		Lime & Stks. Shale
	3094		Lime
	3122		Lime & Shale
	3153		Sandy Lime
	3352	(TOTAL DEPTH)	Lime

FORMATION TOPS

Anhydrite	1190'
Base Salt	2680
Brown Lime	2730
GAS PAY	2870

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

JUNI 7 1948

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation (Company or Operator) Hobbs, New Mexico (Address)

J. F. Janda "G" (Lease) Well No. 1 in SW NE NE of Sec. 24, T. 23 S

R. 36 E, N. M. P. M., Langlie-Mattis Field, Lea County.

Well is 990 feet south of the North line and 990 feet west of the East line of Section 24

If State land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is Mr. Watkins, Address Jal, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is Gulf Oil Corporation - Gypsy Division, Address Tulsa, Oklahoma

Drilling commenced May 11, 1948 Drilling was completed June 2, 1948

Name of drilling contractor Higgins Drilling Company, Address Hobbs, New Mexico

Elevation above sea level at top of casing 3355 feet.

The information given is to be kept confidential until ..... 19.....

GAS ~~OIL~~ SANDS OR ZONES

No. 1, from 2870 to 2945 No. 4, from 3275 to 3315

No. 2, from 3010 to 3130 No. 5, from ..... to .....

No. 3, from 3155 to 3240 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 (Rotary tools) feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
9-5/8"	40#	8 V	SH						
	40#	8 V	SS	285'					
5½"	14#	8 Rd	SS	2804'					

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 authorized 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

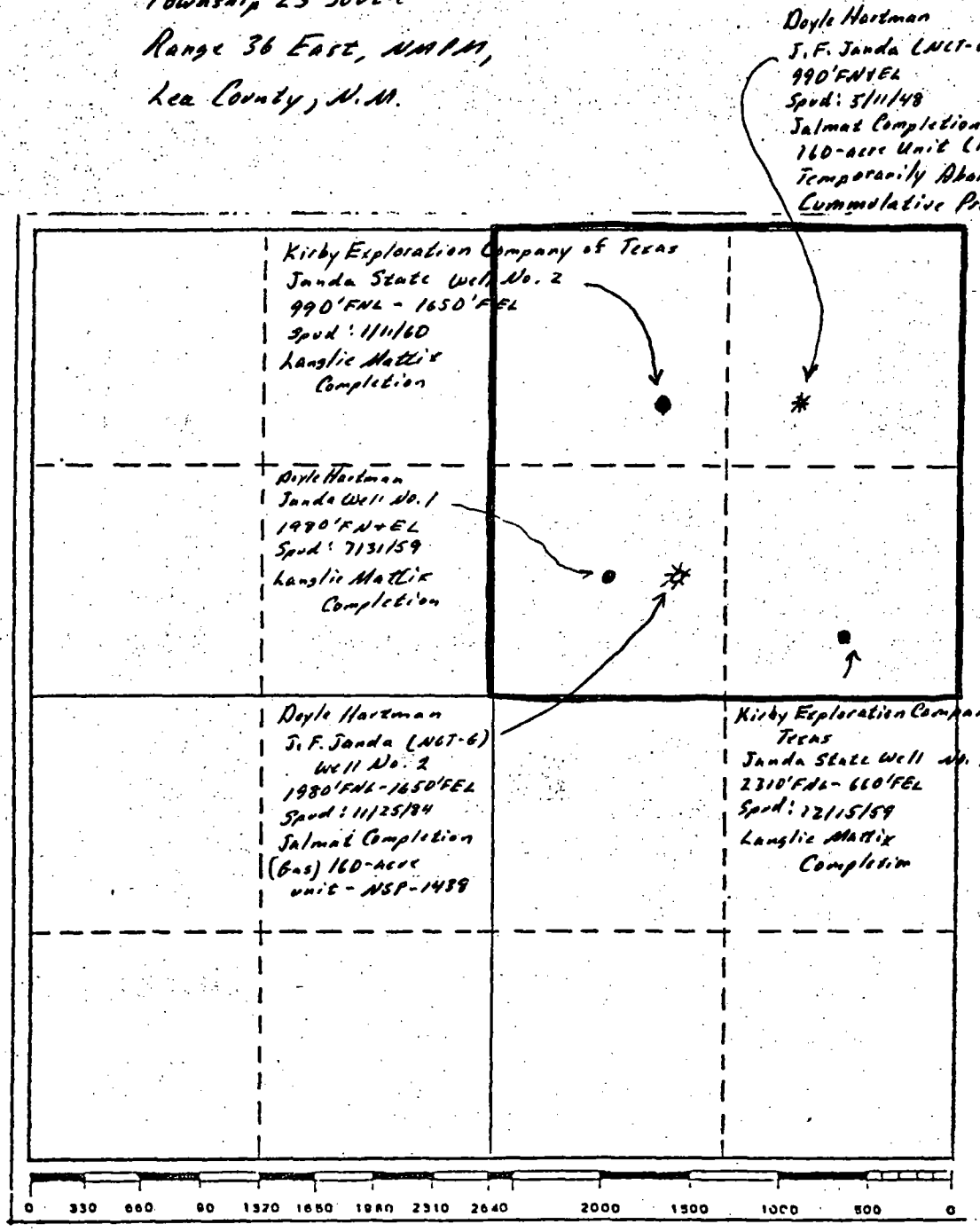
RULE 25(A). The vertical limits of the Justis Gas Pool shall be defined as follows:

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)

Section 24
Township 23 South
Range 36 East, NMPM,
Lea County, N.M.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

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

October 12, 1984

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

Attention: Michelle Hembree

Administrative Order NSP-1438

Gentlemen:

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

LEA COUNTY, NEW MEXICO
TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 24: NE/4

It is my understanding that this unit is to be dedicated to your J. F. Janda NCT-G No. 2 to be located 1980 feet from the North line and 1650 feet from the East line of said Section 24.

By authority granted me under the provisions of Rule 104 D II of the Division Rules and Regulations, the above non-standard proration unit is hereby approved.

Sincerely,

R. L. STAMETS,
Acting Director

RLS/dp

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

Received: 1/21/85
Release: 3/13/86

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

ADMINISTRATIVE ORDER
NFL 127

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 Hartman Well Name and No. J.F. Janda (NCT-G) Well No. 2

Location: Unit G Sec. 24 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 NE/4 of Sec. 24, Twp. 23 South, Rng. 36 East, is currently dedicated to the applicant's J.F. Janda (NCT-6) Well No. 1 located in Unit A of said section.

(5) That this proration unit is ( ) standard (✓) nonstandard; if nonstandard, said unit was previously approved by Order No. R-520.

(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 307,400 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.

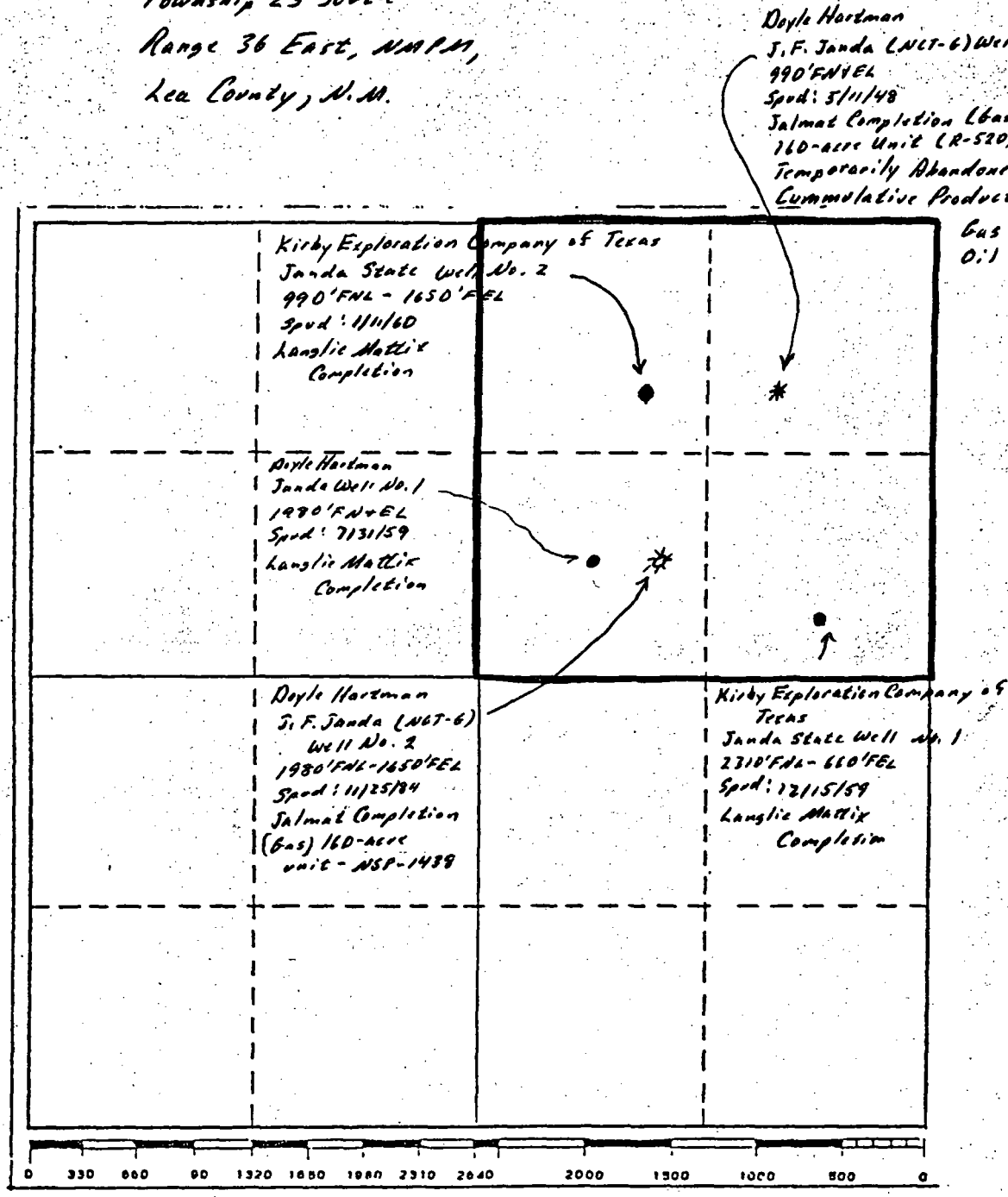
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

Remarks: The subject well is currently dedicated the same acreage under NSP-1438 dated 10/12/84.

DIVISION DIRECTOR ___ EXAMINER ✓

Section 24
Township 23 South
Range 36 East, NMPM,
Lea County, N.M.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

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

October 12, 1984

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

Attention: Michelle Hembree

Administrative Order NSP-1438

Gentlemen:

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

LEA COUNTY, NEW MEXICO
TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 24: NE/4

It is my understanding that this unit is to be dedicated to your J. F. Janda NCT-G No. 2 to be located 1980 feet from the North line and 1650 feet from the East line of said Section 24.

By authority granted me under the provisions of Rule 104 D II of the Division Rules and Regulations, the above non-standard proration unit is hereby approved.

Sincerely,

R. L. STAMETS,
Acting Director

RLS/dp

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

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

(915) 684-4011

January 17, 1985

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

JAN 21 1985
RECEIVED

Attention: Mr. Michael Stogner

Re: Administrative Procedure
Infill Finding
Janda G No. 2
1980 FNL & 1650 FEL (G)
Section 24, 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 Janda G No. 2 located 1980 FNL & 1650 FEL (G) Section 24, T-23-S, R-36-E, Lea County, New Mexico.

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 (Gas) Pool, and the standard spacing unit therefor is 640 acres.

Rule 7 — The number of the Administrative Order approving the nonstandard proration unit dedicated to the well is NSP-1438.

Rule 8 — Table 1 attached to William P. Aycock's letter dated January 15, 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 15, 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 Janda G No. 2 (Infill Jalmat (Gas) Well)

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.

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

30-025-29007

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [X] FEE [ ]

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well: UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600'	Yates-7 Rivers	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3342.6 G.L.	Multi-approved	Undetermined	November 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	9-5/8	36.0	400	600	Surface
8-3/4	7	23.0	3600	700	Surface

The proposed well will be drilled to a total depth of 3600' and will be completed as a Jalmat (Yates-Seven Rivers) Gas well. 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.

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

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

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

Signed Larry A. Nemyo Title Engineer Date October 23, 1984

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE OCT 25 1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/25/85
UNLESS DRILLING UNDERWAY

OCT 26 1984

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	Lease	Well No.
DOYLE HARTMAN	JANDA "G"	2

Unit Letter	Section	Township	Range	County
G	24	23 SOUTH	36 EAST	LEA

Actual Footage Location of Well:
1980 feet from the NORTH line and 1650 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3342.6	Yates-Seven Rivers	Jalmat (Gas)	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

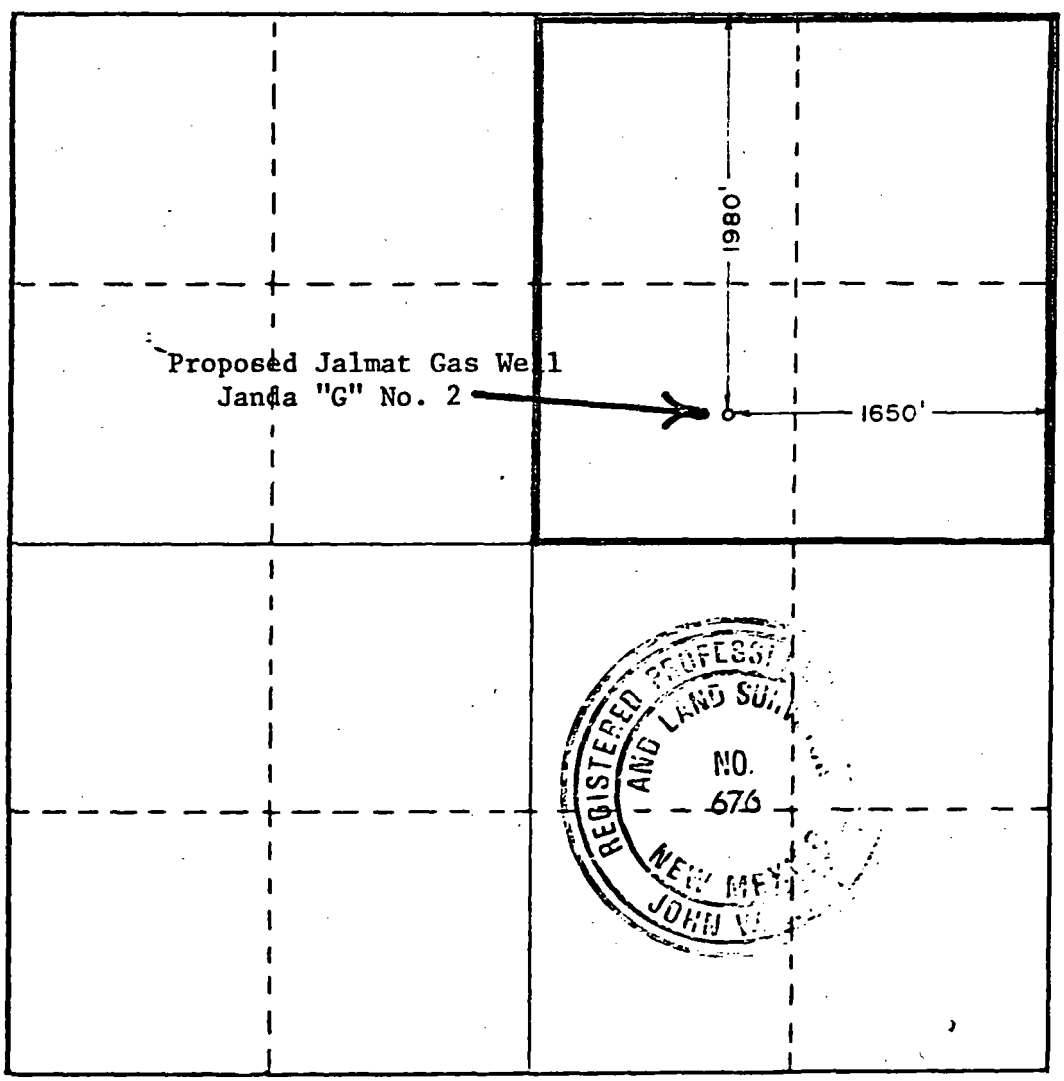
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: October 23, 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

OCT 26 1984

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

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

October 12, 1984

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

Attention: Michelle Hembree

Administrative Order NSP-1438

Gentlemen:

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

LEA COUNTY, NEW MEXICO
TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 24: NE/4

It is my understanding that this unit is to be dedicated to your J. F. Janda NCT-G No. 2 to be located 1980 feet from the North line and 1650 feet from the East line of said Section 24.

By authority granted me under the provisions of Rule 104 D II of the Division Rules and Regulations, the above non-standard proration unit is hereby approved.

Sincerely,

R. L. STAMETS,
Acting Director

RLS/dp

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

OCT 18 1984

WILLIAM P. AYCOCK & ASSOCIATES, INC.
Petroleum Engineering Consultants
1207 West Wall
MIDLAND, TEXAS 79701
PHONE 915/683-5721

January 15, 1985

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

Attention Mr. Mike Stogner

Subject: Administrative Application for
Infill Well Findings for
Doyle Hartman Janda NCT-G Federal No. 2
Section 24, Township 23 South,
Range 36 East, 1980' FNL & 1650' FEL
Jalmat (Gas) 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 the Forms C-101 and C-102.

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

Rule 7: The non-standard proration unit and unorthodox well location were approved administratively by Order No. NSP-1438, a copy of which is attached hereto. This Order was executed October 12, 1984, by Mr. R. L. Stamets, Acting Director of the Oil Conservation Division.

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 (Gas) Pool to which the present 160-acre non-standard proration unit was assigned was the Gulf Oil Exploration and Production Company J. F. Janda NCT-G No. 1; this well was last produced in October 1979, and this well was temporarily abandoned on January 14, 1980, with an accumulative gas production from this well of 8,077.0 MMCF as of January 1, 1980. As can be ascertained from the attached summarized completion data with well log for the Gulf Oil Exploration and Production Company Janda NCT-G No. 1, this well is completed over a 536-foot thick interval between depths of 2816 feet and 3352 feet. The Doyle Hartman Janda NCT-G No. 2 is completed from a 268-foot thick gross internal between depths of 2931 feet and 3199 feet containing an estimated 50 feet of net effective pay.

Therefore, the reason that the pre-existing Gulf Oil Exploration and Production Company Janda NCT-G No. 1 cannot efficiently and effectively drain the portion of the reservoir covered by proration unit can be summarized as follows:

1. Gulf Oil Exploration and Production Company Janda NCT-G No. 1 last produced from the Jalmat (Gas) Pool in October 1979.

2. Gulf Oil Exploration and Production Company Janda NCT-G No. 1 was temporarily abandoned effective January 14, 1980.

3. Therefore, any Jalmat (Gas) Pool remaining recoverable gas reserves beneath the assigned 160-acre proration unit comprising the NE/4 Section 24, Township 23 South, Range 36 East, as of January 14, 1980, could not have been produced without the drilling and completion of the Doyle Hartman J. F. Janda NCT-G No. 2.

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 (Gulf Oil Exploration and Production Company) Janda NCT-G Lease.

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 Janda NCT-G No. 2 is 307.4 MMCF. Since there was no estimated remaining gas to be recovered from the proration unit assigned to this infill well from the Gulf Oil Exploration and Production Company Janda NCT-G No. 1, the increased ultimate recovery is 307.4 MMCF. The estimate of increased recovery for the Doyle Hartman Janda NCT-G No. 2 was accomplished as follows:

(1) Well logs for the Doyle Hartman Janda NCT-G No. 2 were analyzed, resulting in the following:

Mean Porosity, Fraction of Bulk Volume	0.198
Mean Connate Water Saturation, Fraction of Net Effective Pore Volume	0.280
Net Effective Pay Thickness, Feet	50.

Since the gross pay thickness constituting potential gas reservoir for the Hartman Janda NCT-G No. 2 is 268 feet, the above represents a net effective pay thickness to gross pay thickness ratio of 19 percent.

(2) The production tests for the Doyle Hartman Janda NCT-G No. 2 performed on January 3, through 6, 1985, were analyzed, resulting in the following:

Stabilized Deliverability Coefficient, MCF/day per $psia^2$	7.61639×10^{-2}
Initial Stabilized Wellhead Shut-in Pressure (Pc), psia on December 12, 1984	132.2
Initial Gas Formation Volume Factor scf/rcf	8.935

(3) The results of steps (1) and (2) were then combined, resulting in the following:

Original Gas-in-Place	
MMCF/Acre	2.783
MMCF/160 Acres	445.231
Estimated Gas Recovery Factor, Fraction of Original Gas-in-Place	0.691
Estimated Ultimate Recovery, MMCF per 160 acres	307.4

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

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

Form C-105 for the Hartman J. F. Janda NCT-G No. 2.

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Gulf Oil Exploration and Production Company J. F. Janda NCT-G No. 1 and the infill Doyle Hartman J. F. Janda NCT-G No. 2.

New Mexico Oil Conservation Division Order No. NSP-1438.

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

Attachments

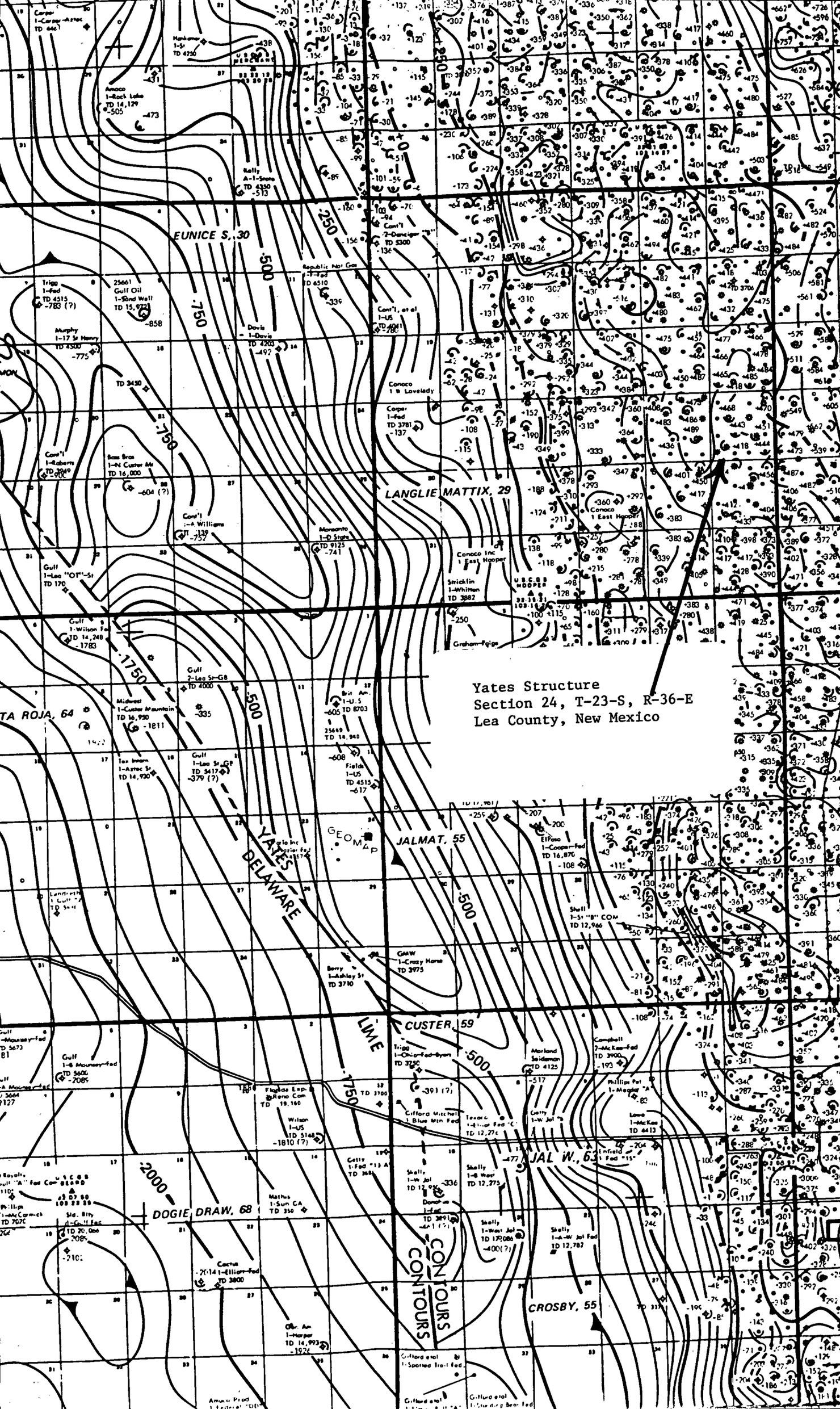
TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A,

(SECTIONS "a." THROUGH "f.")

NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

SECTION OF RULE 8	RULE 8 REQUIREMENT	PRE-EXISTING WELL GULF OIL EXPL. & PROD. CO.	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
a.	Lease name and Well Location	J. F. Janda NCG-G No. 1 1980' FN&WL	J. F. Janda NCG-G No. 2 1980' FNL & 1650' FEL
b.	Spud Date	May 12, 1948	November 25, 1985
c.	Completion Date	June 8, 1948	December 13, 1984
d.	Mechanical Problems	None	None
e.	Current Rate of Production	Ceased Production Oct. 1979; Temp. abandoned January 14, 1980	Form C-105: 61 MCF/Day on December 14, 1984
f.	Date of Plug and Abandonment	Not plugged	Not plugged


EUNICE S., 30
LANGLIE MATTIX, 29
JALMAT, 55
JAL W., 63
CUSTER, 59
DOGIE DRAW, 68
CROSBY, 55
TA ROJA, 64
YATES
DELAWARE
LIME
-250
-500
-750
-1750
-2000
CONTOURS
Yates Structure
Section 24, T-23-S, R-36-E
Lea County, New Mexico
GEOMAP

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Revised 11-1-58

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

5a. Indicate Type of Lease: State [X] Fee [ ]

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

1a. TYPE OF WELL

b. TYPE OF COMPLETION: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER DEC 26 1984

NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-25-84	12-03-84	12-13-84	3342.6 G.L.	3343

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3800	3756	-----	→	0-3800	-----

24. Producing Interval(s), of this completion — Top, Bottom, Name

2931-3199 w/23 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	430	12-1/4	300 sx (circ)	none
7	26	3800	8-3/4	1400 sx (circ)	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3731	none

31. Perforation Record (Interval, size and number)

23 shots with one shot each at: 2931, 2970, 2986, 2988, 3020, 3023, 3027, 3030, 3034, 3073, 3076, 3082, 3085, 3089, 3101, 3104, 3107, 3111, 3146, 3159, 3165, 3179, 3199

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2931-3199	A/5800 15% MCA

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
12-13-84	Pumping (8 x 64 x 1-1/4)	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
12-14-84	24	24/64		-----	61	---	-----

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-----	22		-----	61	-----	------

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. Nenney TITLE Engineer DATE December 14, 1984

requested 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 zone. The form is to be filed in quintuplicate except in Texas, where six copies are required. See Rule 1105.

J. F. Janda G No. 2

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1180	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1275	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2707	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2864	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3120	T. Devonian		T. Menefee		T. Madison	
T. Queen	3482	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
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 2931 to 3199 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
1180	1275	95	Anhydrite				
1275	2707	1432	Salt and Anhydrite				
2707	2864	157	Dolomite and Anhydrite				
2864	3120	256	Sandstone and Dolomite				
3120	3482	362	Sandstone & Dolomite				
3482	3596	114	Dolomite, sand, & salt				
3596	3800	204	Dolomite and Sandstone				

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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

I.

Operator
Doyle Hartman

Address
Post Office Box 10426 Midland, Texas 79702

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

Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
J. F. Janda (NCT-G)	2	Jalmat (Gas) Yates-7 Rivers	State, Federal or Fee State	B-229

Location
Unit Letter G ; 1980 Feet From The North Line and 1650 Feet From The East
Line of Section 24 Township 23S Range 36E , NMPM, Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address (Give address to which approved copy of this form is to be sent)
Northern Natural Gas Company	Suite 400 Texas American Bank Bldg Midland, TX 79701

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					NO	December 18, 1984

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
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
11-25-84	12-13-84	3800	3756
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3342.6 G.L.	Yates-Seven Rivers	2931	3731
Perforations			**Depth Casing Shoe**
2931-3199 w/23 Yates-Seven Rivers			3800

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4	9-5/8	430	300 sx (circ)
8-3/4	7	3800	1400 sx (circ)

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

OIL WELL

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
61	24 hours	-----	------
Testing Method (pitot, back pr.)	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**
Orifice Tester	-----	CP= 22 psi (SICP= 119)	24/64

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 G. Nenney
(Signature)

Engineer
(Title)

December 14, 1984
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19 _____

BY _____

TITLE _____

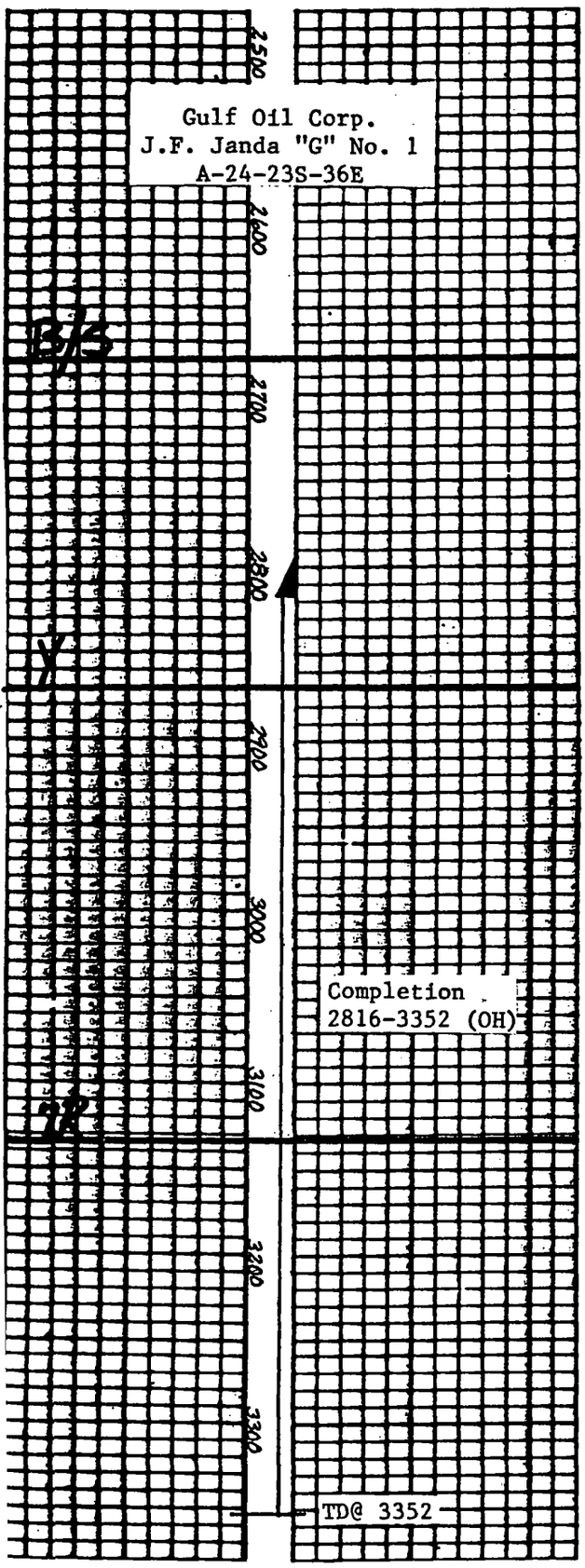
This form is to be filed in compliance with RULE 1104.

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

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

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

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



COMPANY Gulf Oil Corp.

WELL J. F. Janda "G" No. 1

FIELD Jalmat (Gas)

LOCATION 990 FNL & 990 FEL (A)
Section 24, T-23-S, R-36-E
(23-36-24-A)

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB
DF
GL 3355

COMPLETION RECORD

SPUD DATE 5-12-48 COMP. DATE 6-8-48

TD 3352 PBTD

CASING RECORD 9 5/8 @ 297 W/250
7 7/8 @ 2816 W/450

PERFORATING RECORD OH: 2816-3352

STIMULATION

IP IPF = 11094 MCFPD

GOR GR

TP CP

CHOKE TUBING @

REMARKS 5-28-53: AOF 23,000 MCF

10-79: Last Jalmat Gas Production

1979 Cum Prod: 8077 MMCF
1979 Avg. Prod: 24 MCFPD

1-14-80: Temporarily Abandoned

A-24-23S-36E

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TRANSPORTER GAS		
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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-1
Effective 1-1-65

I. Operator

Doyle Hartman

Address

Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing *(Check proper box)*

New Well [ ]
Recompletion [ ]
Change in Ownership [X]

Change in Transporter of:
Oil [ ] Dry Gas [ ]
Casinghead Gas [ ] Condensate [ ]

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	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
J. F. Janda (NCT-G)	1	Jalmat (Gas)	State, Federal or Fee State	B-229

Location

Unit Letter A : 990 Feet From The North Line and 990 Feet From The East

Line of Section 24 Township 23S Range 36E , NMPM, Lea County

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

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address *(Give address to which approved copy of this form is to be sent)*
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address *(Give address to which approved copy of this form is to be sent)*
Northern Natural Gas Company	3300 North A St. Bldg 6, Suite 102 Midland, TX 79705

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					No	

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 Resv.	Diff. Resv.

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

(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)

OIL WELL

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. Nenney
(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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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: B-229-1

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 [X] OTHER-

7. Unit Agreement Name:

Name of Operator: GULF OIL CORPORATION

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

Address of Operator: P.O. Box 670, Hobbs, NM 88240

9. Well No.: 1

Location of Well: UNIT LETTER A, 990 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

10. Field and Pool, or Wildcat: Jalmat Gas

15. Elevation (Show whether DF, RT, GR, etc.): 3355'

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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER [ ]		OTHER Well status report [X]	

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

Well has been temporarily abandoned as uneconomical to produce.

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

SIGNED N. B. Sikes, Jr. TITLE Area Engineer DATE 1-14-80

APPROVED BY Orig. Signed by John Runyan Geologist TITLE _____ DATE JAN 16 1980

CONDITIONS OF APPROVAL, IF ANY: Expires 1/15/81

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(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 "G"

Well No. 1 Unit Letter A S 24 T 23S R 36E Pool Jalmat Gas

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 Northern Natural Gas Company

Address Hobbs, N. Mex. Date Connected _____
(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 (X) C'head ( ) Condensate ( )

Change in Ownership _____ ( ) Other _____ (X)

Remarks: (Give explanation below)

Change in name of transporter

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

Executed this the 11 day of February 1961

By M. M. Whitaker

Approved _____ 19 ___

Title Area Petroleum Engineer

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By Leslie A. Clements

Address Box 766

Title _____

Kermit, Texas

(Form C-110)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

It is 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 QUADRUPLICATE.

1955 MAR 15 PM 3:27

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

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

Unit A, Well(s) No. 1, Sec. 24, T. 23-S, R. 36-E, Pool Jalmat

County Lea Kind of Lease: State

If Oil well Location of Tanks -

Authorized Transporter Permian Basin Pipeline Co. Address of Transporter

Hobbs, N. M. (Local or Field Office), Omaha, Neb. (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 11th day of March 1955

Gulf Oil Corporation

By E. J. Foster

Title Area Supt. of Prod.

Approved , 19

OIL CONSERVATION COMMISSION

By R. J. Stanley

Title

(See Instructions on Reverse Side)

NEW MEXICO OIL CONSERVATION COMMISSION

Gas Well Plat

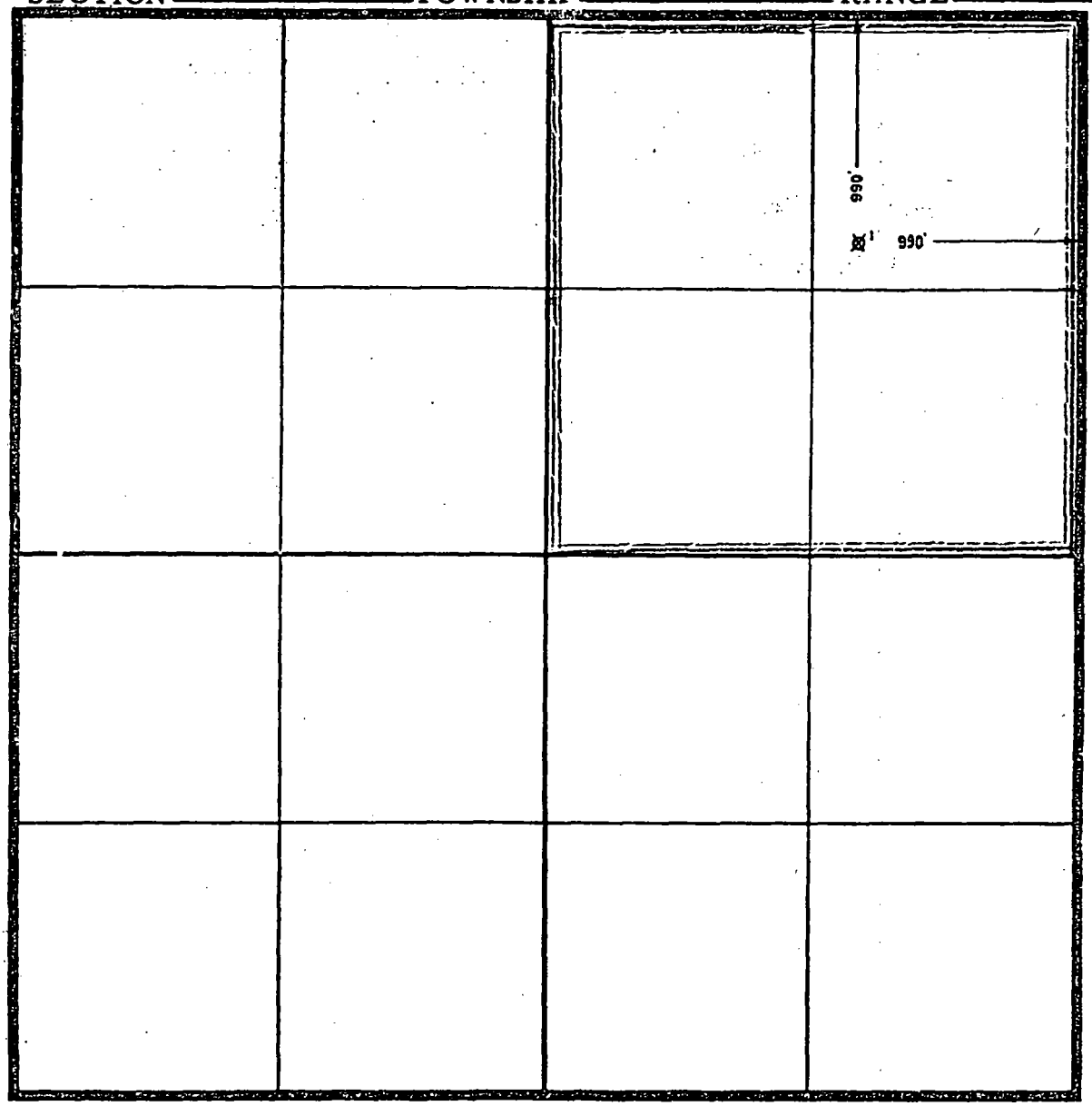
Date November 27, 1953

Gulf Oil Corporation	J. F. Janda "G"	1
Operator	Lease	Well No.

Name of Producing Formation Yates-Seven Rivers Pool Langmat Gas

No. Acres Dedicated to the Well 160

SECTION 24 TOWNSHIP 23S RANGE 36E



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

Name J. W. Cole, Jr.
Position Division Gas Engineer
Representing Gulf Oil Corporation
Address P. O. Box 1290, Fort Worth, Texas

⊠ - Gas Well
Red - Lease Line
Blue - Acreage Dedicated

(over)

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

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.

Ft. Worth, Texas (Place) November 27, 1953 (Date)

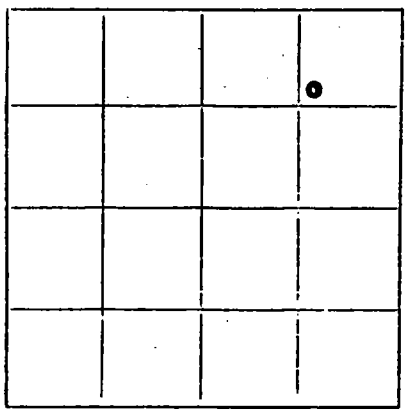
WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease), Well No. 1, in NE ¼ NE ¼,

A (Unit), Sec. 24, T. 23-S, R. 36-E, NMPM., Langmat Gas Pool

Lea County. Date Spudded 5/11/48, Date Completed 6/2/48

Please indicate location:



Elevation 3355' Total Depth 3352', P.B. -

Top oil/gas pay 2885' Top of Prod. Form 2885'

Casing Perforations: None or

Depth to Casing shoe of Prod. String 2816'

Natural Prod. Test ____ BOPD

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

Test after acid or shot ____ BOPD

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

Gas Well Potential Abs. O.F. 23,000 MCF 5/28/53

Size choke in inches ____

Date first oil run to tanks or gas to Transmission system: ____

Transporter taking Oil or Gas: Gulf Oil Corporation

Casing and Cementing Record

Size	Feet	Sax
9-5/8"	297	250
5-1/2"	2816	450

Remarks: (*) Form Filed in Compliance with Rule 12 of Order R-369-A

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

Approved DEC 21 1953, 19____

OIL CONSERVATION COMMISSION

By: L. G. Stanley
Engineer District 1

Title ____

Gulf Oil Corporation
(Company or Operator)

By: J. W. Cole (Signature) J. W. Cole, Jr.

Title Division Gas Engineer

Send Communications regarding well to:

Name Gulf Oil Corporation

Address Hobbs, New Mexico

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2045
HOBBS, NEW MEXICO

DATE December 21, 1953

TO: Gulf Oil Corporation

Box 2167, Hobbs, New Mexico

GENTLEMEN:

Form C-104 for your J. F. Janda "G" (LEASE) 1 (WELL) 24-23-36 (S.T.R.) Langmat (POOL)

has been approved, however, since this well is:

( ) An unorthodox location,

( ) Located on an unorthodox proration unit,

( ) Outside the boundaries of a designated pool,

it will be necessary for you to;

( ) Comply with the provisions of Rule 4 of Commission Order_____

( ) Comply with the provisions of Rule 7 of Commission Order_____

( ) File Form C-123

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

Normal 160 Acres

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

ALP/pb

cc/ Transporter Gulf Refining Co.

(Form C-110)
(Revised 7/1/52)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
DEC 10 1953
OIL CONSERVATION COMMISSION
HOBBS, OFFICE

It is 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 QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

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

Unit A, Well(s) No. 1, Sec. 24, T. 23S, R. 36E, Pool Langmat Gas

County Lea Kind of Lease: State

If Oil well Location of Tanks

Authorized Transporter Gulf Oil Corporation Address of Transporter

Hobbs, New Mexico (Local or Field Office), Fort Worth, Texas (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:

Filed in compliance with Rule 12 of Order R-369-A

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

Executed this the 27th day of November 1953

Gulf Oil Corporation

Approved DEC 21 1953, 19

OIL CONSERVATION COMMISSION

By A. G. Stanley

Engineer District 1

Title

By J. W. Cole J. W. Cole, Jr.

Title Division Gas Engineer

(See Instructions on Reverse Side)

Form C-103

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
OCT 24 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

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

October 15, 1951 (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) Janda "G" (Lease) Well No. 1 in the

NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Teague Pool Lea County.

The dates of this work were as follows: June 8, 1951

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Rule No. 402

Shut In Pressure 1116# October 8, 1951

Back Pressure Test Volume 3,170 MCF

Witnessed by ____ (Name) ____ (Company) ____ (Title)

APPROVED:
OIL CONSERVATION COMMISSION

Roy Yarbrough (Name)

Oil & Gas Inspector (Title)

OCT 24 1951 (Date), 19

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

Name D. C. Sears

Position Gas Tester

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Form C-103

DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED
MAY 11 1951
OIL CONSERVATION COMMISSION
HOBBS, N. M.

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

Indicate nature of report by checking below.

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

May 7, 1951 (Date) Hobbs, New Mexico (Place)

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

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

Gulf Oil Corporation (Company or Operator) Janda "G" (Lease) Well No. 1 in the

NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Teague Field Lea County.

The dates of this work were as follows: April 9, 1951

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

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Rule No. 402

Shut in pressure 1141#

Witnessed by ____ (Name) ____ (Company) ____ (Title)

Subscribed and sworn before me this 10th day of May, 1951

Doris Gilbreath
Notary Public

My commission expires 7-20-54

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

Name D. C. Lewis

Position Gas Tester

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Remarks:

APPROVED

Date MAY 11 1951

Roy Yarbrough
Name

Oil & Gas Inspector
Title

Form C-103

DUPLICATE

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

NOV 20 1950

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Miscellaneous Reports on Wells

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

Indicate nature of report by checking below.

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

November 15, 1950 (Date) Hobbs, New Mexico (Place)

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

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

Gulf Oil Corporation (Company or Operator) Janda "G" (Lease) Well No. 1 in the

NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Teague Field Lea County.

The dates of this work were as follows:

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

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Rule No. 402

Shut in pressure October 6, 1950 - 1162#
Back pressure test volume - 3,600 MCF

Witnessed by _____ (Name) _____ (Company) _____ (Title)

Subscribed and sworn before me this 20 day of Nov., 19 50

Avis Gilbreath
Notary Public

My commission expires July 20, 1954

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

Name A. L. Beard

Position Gas Tester

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Remarks:

APPROVED
NOV 22 1950
Date

Roy Yarbrough (Name)
Oil & Gas Inspector (Title)

Form C-103

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

Miscellaneous Reports on Wells

RECEIVED APR 27 1950 HOBBS OFFICE

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

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		24 Hr. Shut in Pressure Test	X

April 19, 1950 (Date) Hobbs, New Mexico (Place)

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

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

Gulf Oil Corporation (Company or Operator) Landa "G" (Lease) Well No. 1 Gas Well in the

C Sd NE NE of Sec. 24, T. 23S, R. 36E, N. M. P. M.,

Langlie Mattix Field Lea County.

The dates of this work were as follows:

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

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

24 hour shut in pressure - Rule No. 402. Casing pressure 1170 lbs. Tested by El Paso Natural Gas Co.

Witnessed by _____ (Name) _____ (Company) _____ (Title)

Subscribed and sworn before me this 27 day of April, 19 50

_____ Notary Public

My commission expires 10/24/52

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

Name D. A. Sears

Position Gas Engineer

Representing Gulf Oil Corporation (Company or Operator)

Address Hobbs, New Mexico

Remarks:

APPROVED APR 27 1950

Date

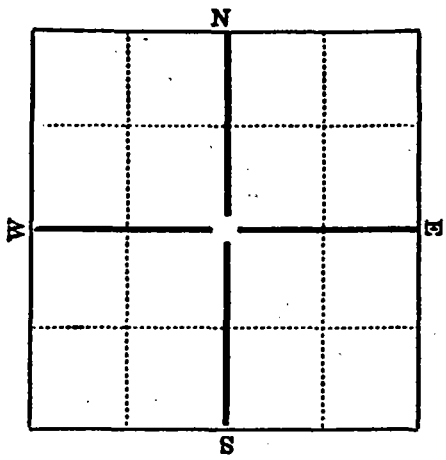
Roy Yarbrough (Name)

Oil & Gas Inspector (Title)

Langlie Mat
©

SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION



Company Gulf Oil Corp.

Farm Name J. E. Conda "B" Well No. 1

Sec. 24 Twp. 23 Range 36 County Lea

Feet from Line: 990 N. S. 990 E. W.

Elevation 3355 Method

Contractor State

Spudded 5-12-48 Completed 6-8-48

AMOUNT CASING & CEMENTING RECORD

Size	Feet	Inches	Sax Cement
13 3/8	297		250

TUBING RECORD

PACKER

ACID RECORD

Gals.

	TA	TG
	TX	TSA
	TCA	TGI
	BX	TYo
	TY	TABo
	TSR	TPenn
Top Pay 2885	TQ	TOrd

SHOOTING RECORD

No. of Quarts	From	To
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date		Date	
4-5	Location		
MAY 12	Rigging up Rotary		
MAY 19	TD 2825 A Prep to run csg.		
MAY 26	∅ 3029 L		
MAY 31	∅ 3292 L		
	TD 3352		
	IPF 11094 MCFPD (Grayburg)		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	9-5/8"	297'	250	HOWCO		
7-7/8"	5½"	2816'	450	"		

PLUGS AND ADAPTERS

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

Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		none				

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0' feet to 3352 feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing Shut-in. Will be put to production when facilities for sale are completed.

The production of the first 24 hours was..... barrels of fluid of which..... % was oil: ..... %

emulsion; ..... % water; and..... % sediment. Gravity, Be.....

If gas well, cu. ft. per 24 hours 15,000,000 MCF, extended Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in. 1245

EMPLOYEES

Wiggins Drilling Company, Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

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

Subscribed and sworn to before me this 16th day of June, 1948

L. W. Vaughan
Notary Public

My Commission expires 10-24-49

Hobbs, New Mexico (Place) June 16, 1948 (Date)

Name E. E. Gallagher

Position District Supt.

Representing Gulf Oil Corporation (Company or Operator)

Address Box 1667, Hobbs, New Mexico

FORMATION RECORD

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	305'	-	Red Bed
	800		Red Bed and Shells
	1145		Shells & Sandy Shale
	1190		Red Bed
	1295		Anhydrite
	1320		Salt
	2680		Salt & Anhydrite
	2695		Anhydrite
	2825		Anhydrite & Lime
	2903		Lime
	2932		Lime & Anhydrite
	3010		Lime
	3031		Lime & Shale
	3043		Sandy Lime
	3049		Lime & Stks. Shale
	3094		Lime
	3122		Lime & Shale
	3153		Sandy Lime
	3352	(TOTAL DEPTH)	Lime

FORMATION TOPS

Anhydrite	1190'
Base Salt	2680
Brown Lime	2730
GAS PAY	2870

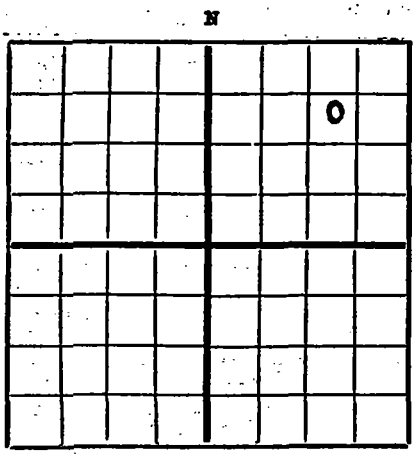
FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	305'	-	Red Bed
	800		Red Bed and Shells
	1145		Shells & Sandy Shale
	1190		Red Bed
	1295		Anhydrite
	1320		Salt
	2680		Salt & Anhydrite
	2695		Anhydrite
	2825		Anhydrite & Lime
	2903		Lime
	2932		Lime & Anhydrite
	3010		Lime
	3031		Lime & Shale
	3043		Sandy Lime
	3049		Lime & Stks. Shale
	3094		Lime
	3122		Lime & Shale
	3153		Sandy Lime
	3352	(TOTAL DEPTH)	Lime

FORMATION TOPS

Anhydrite	1190'
Base Salt	2680
Brown Lime	2730
GAS PAY	2870

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

JUN 7 1948

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation (Company or Operator) Hobbs, New Mexico (Address)

J. F. Janda "G" (Lease) Well No. 1 in SW NE NE of Sec. 24, T 23 S

R. 36 E, N. M. P. M., Langlie-Mattis Field, Lea County.

Well is 990 feet south of the North line and 990 feet west of the East line of Section 24

If State land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is Mr. Watkins, Address Jal, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is Gulf Oil Corporation - Gypsy Division, Address Tulsa, Oklahoma

Drilling commenced May 11, 1948 Drilling was completed June 2, 1948

Name of drilling contractor Higgins Drilling Company, Address Hobbs, New Mexico

Elevation above sea level at top of casing 3355 feet.

The information given is to be kept confidential until ..... 19.....

GAS
~~OIL~~ SANDS OR ZONES

No. 1, from 2870 to 2945 No. 4, from 3275 to 3315

No. 2, from 3010 to 3130 No. 5, from ..... to .....

No. 3, from 3155 to 3240 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 (Rotary tools) feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
9-5/8"	40#	8 V	SH						
	40#	8 V	SS	285'					
5½"	14#	8 Rd	SS	2804'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	9-5/8"	297'	250	HOWCO		
7-7/8"	5½"	2816'	450	"		

PLUGS AND ADAPTERS

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

Adapters — Material..... Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		none				

Results of shooting or chemical treatment.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

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PRODUCTION

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The production of the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be.....

If gas well, cu. ft. per 24 hours 15,000,000 MCF, extended Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in. 1245

EMPLOYEES

Wiggins Drilling Company, Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

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

Subscribed and sworn to before me this 16th day of June, 19 48

L. Vaughan
Notary Public

My Commission expires 10-24-49

Hobbs, New Mexico (Place) June 16, 1948 (Date)

Name E. J. Gallagher

Position District Supt.

Representing Gulf Oil Corporation (Company or Operator)

Address Box 1667, Hobbs, New Mexico

DUPLICATE

RECEIVED
JUN 7 1948
HOBBS OFFICE

FORM C-105

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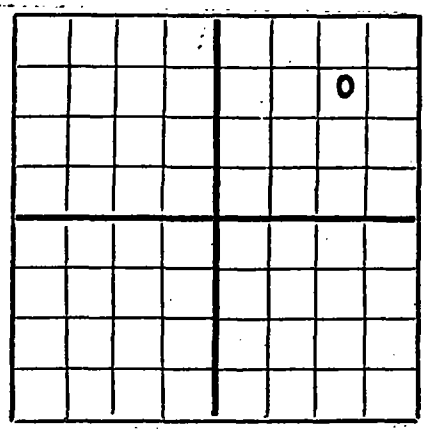

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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Gulf Oil Corporation (Company or Operator) Hobbs, New Mexico (Address)

J. F. Janda "G" (Lease) Well No. 1 in SW NE NE of Sec. 24, T. 23 S

R. 36 E, N. M. P. M., Langlie-Mattis Field, Lea County.

Well is 990 feet south of the North line and 990 feet west of the East line of Section 24.

If State land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is Mr. Matkins, Address Jal, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is Gulf Oil Corporation - Gypsy Division, Address Tulsa, Oklahoma

Drilling commenced May 11, 19 48. Drilling was completed June 2, 19 48

Name of drilling contractor Wiggins Drilling Company, Address Hobbs, New Mexico

Elevation above sea level at top of casing 3355 feet.

The information given is to be kept confidential until ..... 19.....

GAS SANDS OR ZONES

No. 1, from 2870 to 2945 No. 4, from 3275 to 3315

No. 2, from 3010 to 3130 No. 5, from ..... to .....

No. 3, from 3155 to 3240 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 (Rotary tools) feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
9-5/8"	40#	8 V	SH						
	40#	8 V	SS	285'					
5½"	14#	8 Rd	SS	2804'					

Form C-103

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
JUN 17 1948
HOBBS OFFICE

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

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	5½"	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

June 16, 1948 (Date) Hobbs, New Mexico (Place)

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in the SW NE NE of Sec. 24, T. 23 S, R. 36 E, N. M. P. M., Langlie Mattix Field, Lea County.

The dates of this work were as follows: Cemented May 18, 1948. Tested May 21, 1948.

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on May 19, 1948 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The hole was washed down and the casing tested with 1200# pressure applied for 30 minutes. The plug was drilled and the casing tested with 1200# pressure applied for 30 minutes. Both tests were OK, and after approval of Mr. Yarbrough, State Oil and Gas Inspector, preparations were made to complete the well.

Top of cement behind 5½" csg @ 885' per temperature survey.

Witnessed by J. B. Schroeder (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Subscribed and sworn before me this 16th day of June 1948

Notary Public

My commission expires 10-24-49

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

Name E. J. Gallagher

Position District Sup't.

Representing Gulf Oil Corporation (Company or Operator)

Address Box 1667, Hobbs, New Mexico

Remarks:

APPROVED
JUN 17 1948

R. G. Yarbrough
OIL & GAS INSPECTOR Name

Title

Form C-102

DUPLICATE

RECEIVED
MAY 17 1948
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

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

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	9-5/8"	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico (Place) May 13, 1948 (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in Center of Sec. 24, T. 23 S, R. 36 E, N. M. P. M., Langlie-Mattix Field Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On May 12, 1948 ran 10 jts S.H. 9-5/8" OD 40# 8 V-thd Range 2 SS csg w/long T&C. Tallies 285', H-12, set @ 297'. Cemented by Halliburton w/250 sacks neat bulk cement. Plug @ 270'. Cement circulated OK. Job started 8 AM and completed 11:30AM.

Propose to drill plug and test shut-off at 11:30 PM May 13, 1948.

Approved MAY 17 1948, 19____
except as follows:

OIL CONSERVATION COMMISSION,
By Roy Yarbrough
Title OIL & GAS INSPECTOR

Gulf Oil Corporation
Company or Operator
By E. J. Gallagher
Position District Sup't.
Send communications regarding well to
Name E. J. Gallagher
Address Box 1667, Hobbs, New Mexico

Form C-108

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
MAY 17 1948
HOBBS OFFICE

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

Indicate nature of report by checking below.

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

May 13, 1948 (Date) Hobbs, New Mexico (Place)

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the Gulf Oil Corporation (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in the Center of Sec. 24, T. 23 S, R. 36 E, N. M. P. M., Langlie-Mattix Field, Lea County.

The dates of this work were as follows: Started drilling May 11, 1948.

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on April 29, 1948 and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Contractor moved in and spudded at 10 PM May 11, 1948. Drilling 13-3/4" hole.

Witnessed by J. B. Schroeder (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Subscribed and sworn before me this 13th day of May 1948

Notary Public

My commission expires 10-24-49

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

Name E. J. Gallagher

Position District Supt.

Representing Gulf Oil Corporation (Company or Operator)

Address Box 1667, Hobbs, New Mexico

Remarks:

APPROVED
MAY 17 1948
Date.....

Roy Yarbrough
Name
OIL & GAS INSPECTOR
Title

Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

RECEIVED
MAY 3 1948
HOBBS, OFFICE

NOTICE OF INTENTION TO DRILL

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

Hobbs, New Mexico (Place) April 29, 1948 (Date)

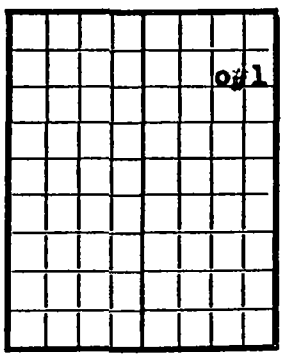
OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as

Gulf Oil Corporation - Gypsy Div. (Company or Operator) J. F. Janda "G" (Lease) Well No. 1 in Center

of Sec. 24, T. 23S, R. 36E, N. M., P. M., Langlie-Mattix Field, Lea County.



AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is 990 feet (N/S) (S.) of the North line and 990 feet (E/W) (W.) of the East line of Section 24

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

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

If patented land the owner is Mr. Matkins

Address Jal, New Mexico

If government land the permittee is _____

Address _____

The lessee is Gulf Oil Corporation - Gypsy Division

Address Box 661, Tulsa 2, Oklahoma

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

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: _____

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

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
12-1/4"	9-5/8" OD	36#	New	300'	Cemented	200
7-7/8"	5-1/2" OD	14#	New	3400'	Cemented	600

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 3450 feet.

Additional information:

MAY 3 1948

Approved _____, 19____

except as follows: Cement must circulate back to top of salt section on 5 1/2" casing.

OIL CONSERVATION COMMISSION,

By _____

Title OIL & GAS INSPECTOR

Sincerely yours,

Gulf Oil Corporation - Gypsy Division
Company or Operator

By Chas Taylor

Position Asst District Superintendent

Send communications regarding well to

Name E. J. Gallagher

Address Box 1667, Hobbs, New Mexico

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30-025-29007

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE [X] 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 [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well: UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600'	Yates-7 Rivers	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3342.6 G.L.	Multi-approved	Undetermined	November 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	9-5/8	36.0	400	600	Surface
8-3/4	7	23.0	3600	700	Surface

The proposed well will be drilled to a total depth of 3600' and will be completed as a Jalmat (Yates-Seven Rivers) Gas well. 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.

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

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

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

Signed Larry A. Kennedy Title Engineer Date October 23, 1984

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE OCT 25 1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/25/85
UNLESS DRILLING UNDERWAY

OCT 26 1984

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	Lease	Well No.
DOYLE HARTMAN	JANDA "G"	2

Unit Letter	Section	Township	Range	County
G	24	23 SOUTH	36 EAST	LEA

Actual Footage Location of Well:
1980 feet from the NORTH line and 1650 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3342.6	Yates-Seven Rivers	Jalmat (Gas)	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

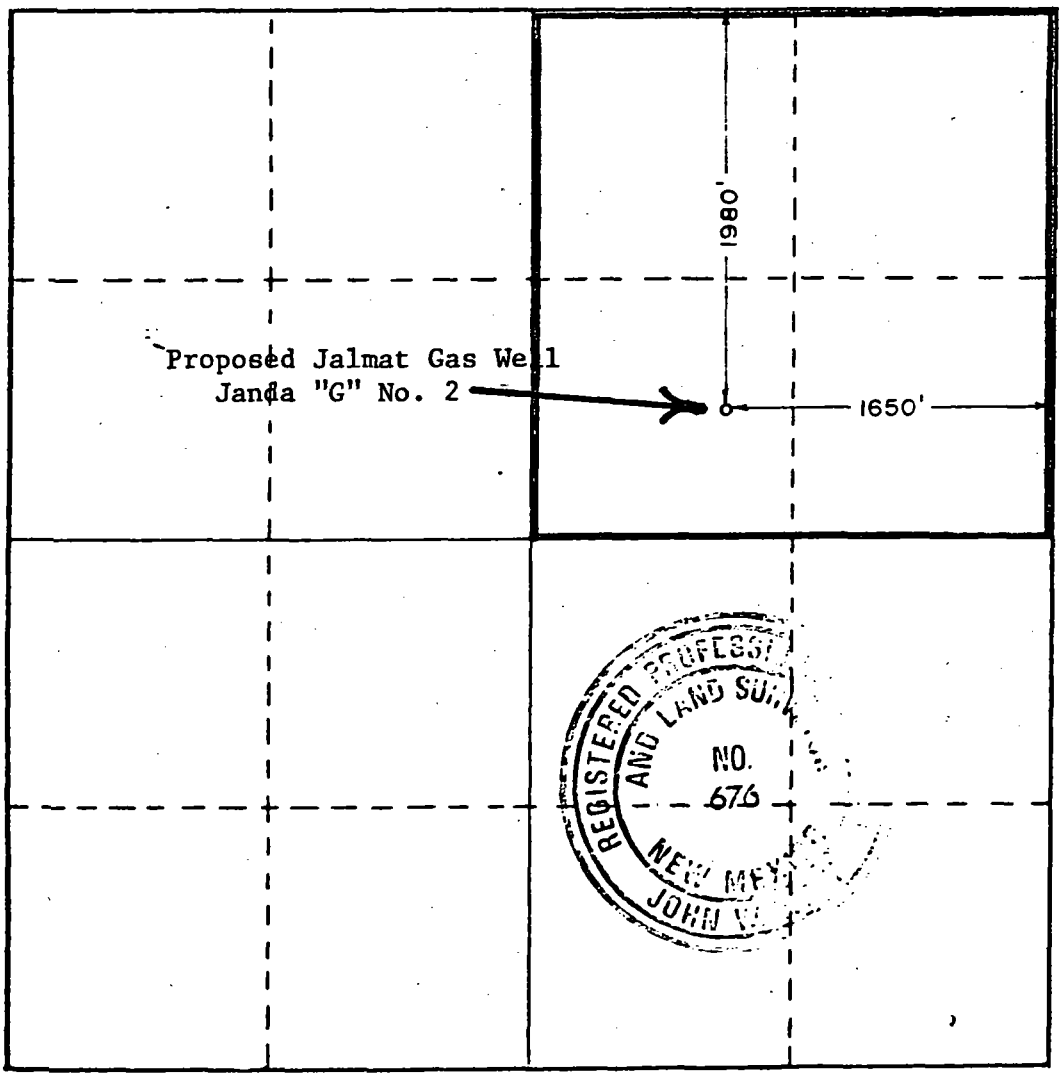
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: October 23, 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

OCT 26 1984

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

Form C-103
Revised 10-1-7

5a. Indicate Type of Lease: State [X] 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 [X] OTHER-

7. Unit Agreement Name:

Name of Operator: Doyle Hartman

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

Address of Operator: Post Office Box 10426 Midland, Texas 79702

9. Well No.: 2

Location of Well: UNIT LETTER G, 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

10. Field and Pool, or Wildcat: Jalmat (Gas)

15. Elevation (Show whether DF, RT, GR, etc.): 3342.6 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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [X]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [X]	
OTHER [ ]		OTHER [ ]	

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

Spudded well at 8:30 p.m. CST 11-25-84. Drilled well to 432'. Ran 11 joints (428.28') of 9-5/8" OD, 40 lb/ft, Grade B casing and landed at 430'. Cemented with 300 sx Class C cement containing 2% CaCl. Plug down at 9:30 a.m. CST 11-26-84. Circulated 10 sx of excess cement to pit. WOC 18 hours. Pressure tested casing to 700 psi. Pressure held okay.

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

SIGNED Michelle Hembree TITLE Administrative Assistant DATE November 27, 1984

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE NOV 29 1984

CONDITIONS OF APPROVAL, IF ANY:

NOV 30 1984

ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL [ ] GAS WELL [X] OTHER-

7. Unit Agreement Name

Name of Operator: Doyle Hartman

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

Address of Operator: Post Office Box 10426, Midland, Texas 79702

9. Well No.: 2

Location of Well: UNIT LETTER G, 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

10. Field and Pool, or Wildcat: Jalmat (Gas)

15. Elevation (Show whether DF, RT, GR, etc.): 3342.6 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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER Change proposed depth to 3800' [X]		OTHER [ ]	

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

We intend to drill subject well to a proposed depth of 3800 feet. After obtaining approval for this well and spudding well, we acquired deeper rights. We plan to use this well to penetrate and log deeper formations. This well will be completed as a Jalmat (Yates-Seven Rivers) gas well as approved on the C-101.

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

SIGNED Larry A. Nenney TITLE Engineer DATE November 28, 1984

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE NOV 30 1984

CONDITIONS OF APPROVAL, IF ANY:

DEC 3 1984

NERGY AND MINERALS DEPARTMENT

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CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State [X] Fee [ ]

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. Unit Agreement Name

OIL WELL [ ] GAS WELL [X] OTHER-

Name of Operator
Doyle Hartman

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

Address of Operator
Post Office Box 10426 Midland, Texas 79702

9. Well No.
2

Location of Well
UNIT LETTER G , 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 24 TOWNSHIP 23S RANGE 36E NMPM.

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

15. Elevation (Show whether DF, RT, GR, etc.)
3342.6 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 [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [X]	
OTHER [ ]		OTHER [ ]	

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

Drilled well to a total depth of 3800'. Ran 94 joints (3819') of 7" OD, 26 lb/ft, LT&C casing and landed at 3800'. Cemented with 900 sx of Class-C cement containing 3% Econolite and 1/2 lb/sx Floseal followed by 500 sx of a 50-50 blend of API Class-C cement and Pozmix A containing 18% salt and 1/2 lb/sx Floseal. Plug down at 3:15 p.m. CST 12-04-84. Circulated 485 sx of excess cement to pit. Pressure tested casing to 1500 psi and pressure held okay. Released pressure and float held okay.

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

SIGNED Michelle Akmurec TITLE Administrative Assistant DATE December 10, 1984

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE DEC 13 1984

CONDITIONS OF APPROVAL, IF ANY:

DEC 14 1984

INCLINATION REPORT

OPERATOR DOYLE HARTMAN ADDRESS P. O. BOX 10426, MIDLAND, TX 79702

LEASE NAME JANDA G WELL NO. #2 FIELD

LOCATION

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
432	1	7.5600	7.5600
913	½	4.1847	11.7447
1281	½	3.2016	14.9463
1565	3/4	3.7204	18.6667
2050	1¼	10.5730	29.2397
2550	2¼	19.6500	48.8897
2613	2 3/4	3.0240	51.9137
2708	2 3/4	4.5600	56.4737
2803	2 3/4	4.5600	61.0337
3022	2	7.6431	68.6768
3117	1 3/4	2.8975	71.5743
3368	1¼	5.4718	77.0461
3558	1 3/4	5.7950	82.8411
3800	1½	6.3404	89.1815

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Debra Kelly

TITLE DEBRA KELLY, OFFICE MANAGER

DEC 26 1984

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBRA KELLY known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Debra Kelly

AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 6th day of DECEMBER, 1984

SEAL

OFFICIAL SEAL
SIGNATURE Garlin R. Taylor
GARLIN R. TAYLOR
NOTARY PUBLIC-NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
MY COMMISSION EXPIRES FEBRUARY 6, 1988

Notary Public in and for the County of Lea, State of New Mexico

DEC 7 1984

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OPERATOR		

Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease: State [X] Fee [ ]

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

1a. TYPE OF WELL

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

DEC 26 1984

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM.

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-25-84	12-03-84	12-13-84	3342.6 G.L.	3343

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3800	3756	-----	→	0-3800	-----

24. Producing Interval(s), of this completion — Top, Bottom, Name

2931-3199 w/23 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	430	12-1/4	300 sx (circ)	none
7	26	3800	8-3/4	1400 sx (circ)	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3731	none

31. Perforation Record (Interval, size and number)

23 shots with one shot each at: 2931, 2970, 2986, 2988, 3020, 3023, 3027, 3030, 3034, 3073, 3076, 3082, 3085, 3089, 3101, 3104, 3107, 3111, 3146, 3159, 3165, 3179, 3199

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2931-3199	A/5800 15% MCA

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
12-13-84	Pumping (8 x 64 x 1-1/4)	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
12-14-84	24	24/64		-----	61	---	-----

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-----	22		-----	61	-----	------

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. Nenney TITLE Engineer DATE December 14, 1984

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

J. F. Janda G No. 2

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1180	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1275	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2707	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2864	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3120	T. Devonian		T. Menefee		T. Madison	
T. Queen	3482	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
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 2931 to 3199 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
1180	1275	95	Anhydrite				
1275	2707	1432	Salt and Anhydrite				
2707	2864	157	Dolomite and Anhydrite				
2864	3120	256	Sandstone and Dolomite				
3120	3482	362	Sandstone & Dolomite				
3482	3596	114	Dolomite, sand, & salt				
3596	3800	204	Dolomite and Sandstone				

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TRANSPORTER OIL		
TRANSPORTER GAS		
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

I.

Operator: Doyle Hartman

Address: Post Office Box 10426 Midland, Texas 79702

Reason(s) for filing (Check proper box)

- New Well [X]
- Recompletion [ ]
- Change in Ownership [ ]
- Change in Transporter of: Oil [ ] Dry Gas [ ] Casinghead Gas [ ] Condensate [ ]
- Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
J. F. Janda (NCT-G)	2	Jalmat (Gas) Yates-7 Rivers	State, Federal or Fee State	B-229

Location

Unit Letter G : 1980 Feet From The North Line and 1650 Feet From The East

Line of Section 24 Township 23S Range 36E , NMPM, Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address (Give address to which approved copy of this form is to be sent)
Northern Natural Gas Company	Suite 400 Texas American Bank Bldg Midland, TX 79701

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					NO	December 18, 1984

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
		X	X					

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
11-25-84	12-13-84	3800	3756
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
3342.6 G.L.	Yates-Seven Rivers	2931	3731
Perforations			**Depth Casing Shoe**
2931-3199 w/23 Yates-Seven Rivers			3800

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4	9-5/8	430	300 sx (circ)
8-3/4	7	3800	1400 sx (circ)

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

OIL WELL

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
61	24 hours	-----	------
Testing Method (pitot, back pr.)	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**
Orifice Tester	-----	CP= 22 psi (SICP= 119)	24/64

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 G. Nemmy
(Signature)

Engineer
(Title)

December 14, 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 deepen well, this form must be accompanied by a tabulation of the deviati tests taken on the well in accordance with RULE 111.

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

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

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

DOYLE HARTMAN
Oil Operator
500 N. MAIN
P.O. BOX 10426
MIDLAND, TEXAS 79702
(915) 684-4011

August 27, 1984

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

Re: J. F. Janda NCT-G No. 2
NE/4 Section 24
T-23-S, R-36-E
Lea County, New Mexico
1. Request for Non-Standard Proration Unit
2. Notice of Section 103 Application

Gentlemen:

We have filed a C-101 and C-102 with the New Mexico Oil Conservation Division District Office in Hobbs for permission to drill a new Jalmat gas well as a Section 103 well at an orthodox Jalmat (Gas) location consisting of 1980' FNL and 1650' FEL (G) Section 24, T-23-S, R-36-E. The subject well will be drilled on a presently non-producing 160-acre non-standard proration unit comprised of the NE/4 of Section 24, T-23-S, R-36-E, Lea County, New Mexico. The acreage to be dedicated to the proposed J. F. Janda NCT-G No. 2 was previously dedicated to Gulf's J. F. Janda NCT-G No. 1 Jalmat gas well located 990' FNL and 990' FEL (A) of Section 24. The Gulf-J. F. Janda NCT-G No. 1 last produced in October, 1979 and was reported temporarily abandoned on January 14, 1980.

Therefore, we hereby file for administrative approval to drill the newly proposed J. F. Janda NCT-G No. 2 at the orthodox Jalmat location of 1980' FNL and 1650' FEL of Section 24 and also for administrative approval to dedicate the well to a new 160-acre non-standard Jalmat proration unit comprised of the NE/4 of Section 24, T-23-S, R-36-E.

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 well.

Three copies of a plat showing the location of the original well on the proposed 160-acre proration unit plus the location of the proposed new 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 offsetting Jalmat Gas owners:

Sun Exploration and Production Company
One Petroleum Center, Suite 204
Building 8, North A at Wadley
Midland, Texas 79705

Attention: Mr. J. T. Power
Conservation Consultant

Conoco, Inc.
Post Office Box 460
Hobbs, New Mexico 88240

Attention: Mr. Donald W. Johnson
Division Manager

ARCo Oil and Gas Corporation
Post Office Box 1610
Midland, Texas 79702

Attention: Mr. Craig L. Payken
Area Engineer

Thank you for your consideration.

Very truly yours,

DOYLE HARTMAN

Michelle Hembree

Michelle Hembree
Administrative Assistant

MH/dm

Enclosure

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

Attention: Mr. 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
Texas American Bank Building
Suite 400
Midland, Texas 79701

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

Northern Natural Gas Company
2223 Dodge Street
Omaha, Nebraska 68102

Attention: Mr. Dennis Brune

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

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

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	Lease	Well No.
DOYLE HARTMAN	JANDA "G"	2

Unit Letter	Section	Township	Range	County
G	24	23 SOUTH	36 EAST	LEA

Actual Footage Location of Well:
1980 feet from the NORTH line and 1650 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3342.6	YATES-SEVEN RIVERS	JALMAT (GAS)	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

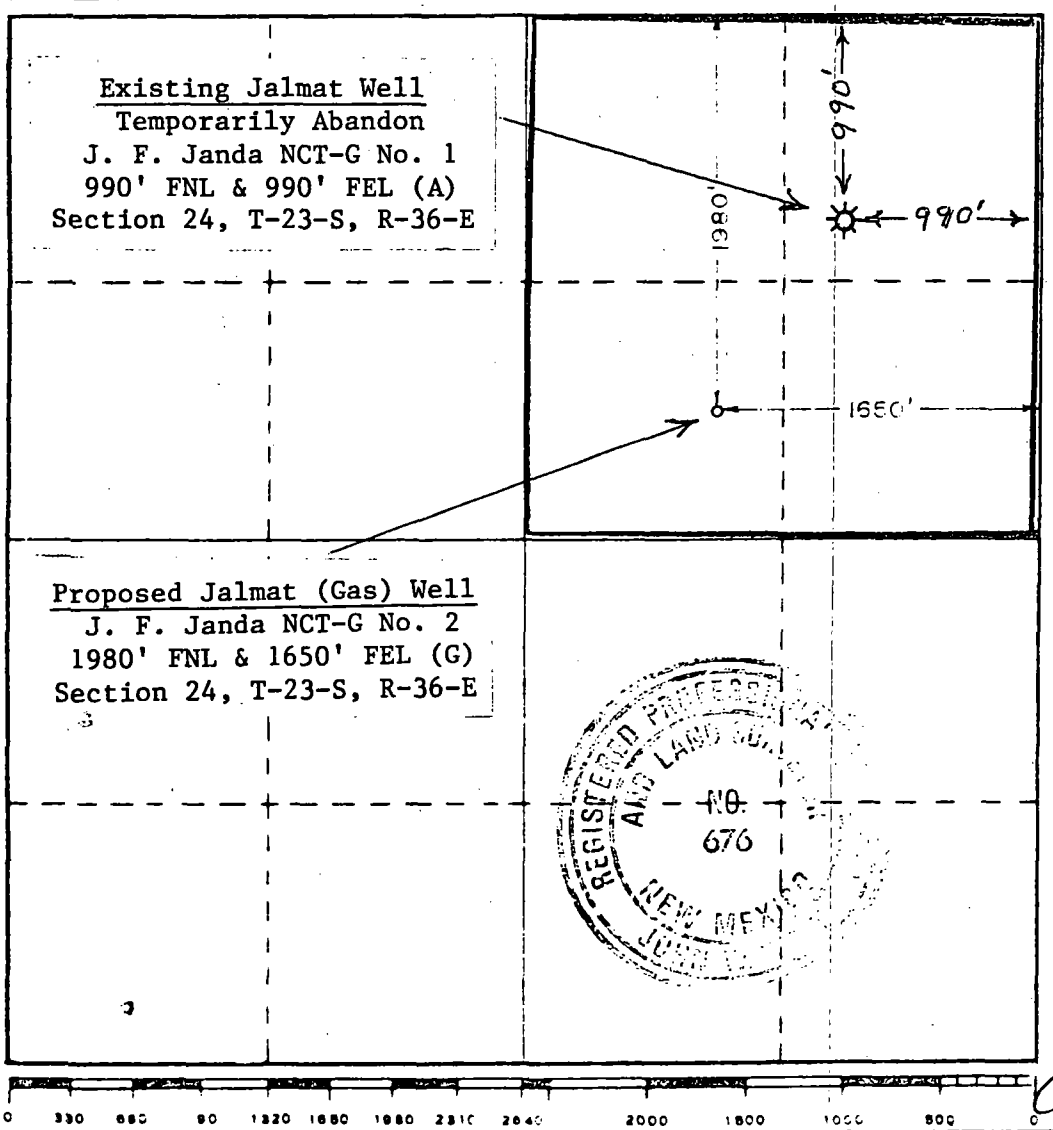
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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

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

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

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



CERTIFICATION

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

Name: Larry A. Mannon

Position: Engineer

Company: Doyle Hartman, Oil Op.

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

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

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [X] FEE [ ]

5. State Oil & Gas Lease No.: B-229-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

b. Type of Well: DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name:

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

2. Name of Operator: Doyle Hartman, Oil Operator

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well: UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600'	Yates-Seven Rivers	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3342.6 GL	Multi-approved	Undetermined	Sept. 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	9 5/8	36.0	400	600	Surface
8 3/4	7	23.0	3600	700	Surface

The proposed well will be drilled to a total depth of 3600' and will be completed as a Jalmat (Yates-Seven Rivers) gas 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.

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

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

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

Signed _____ Title Engineer Date August 27, 1984

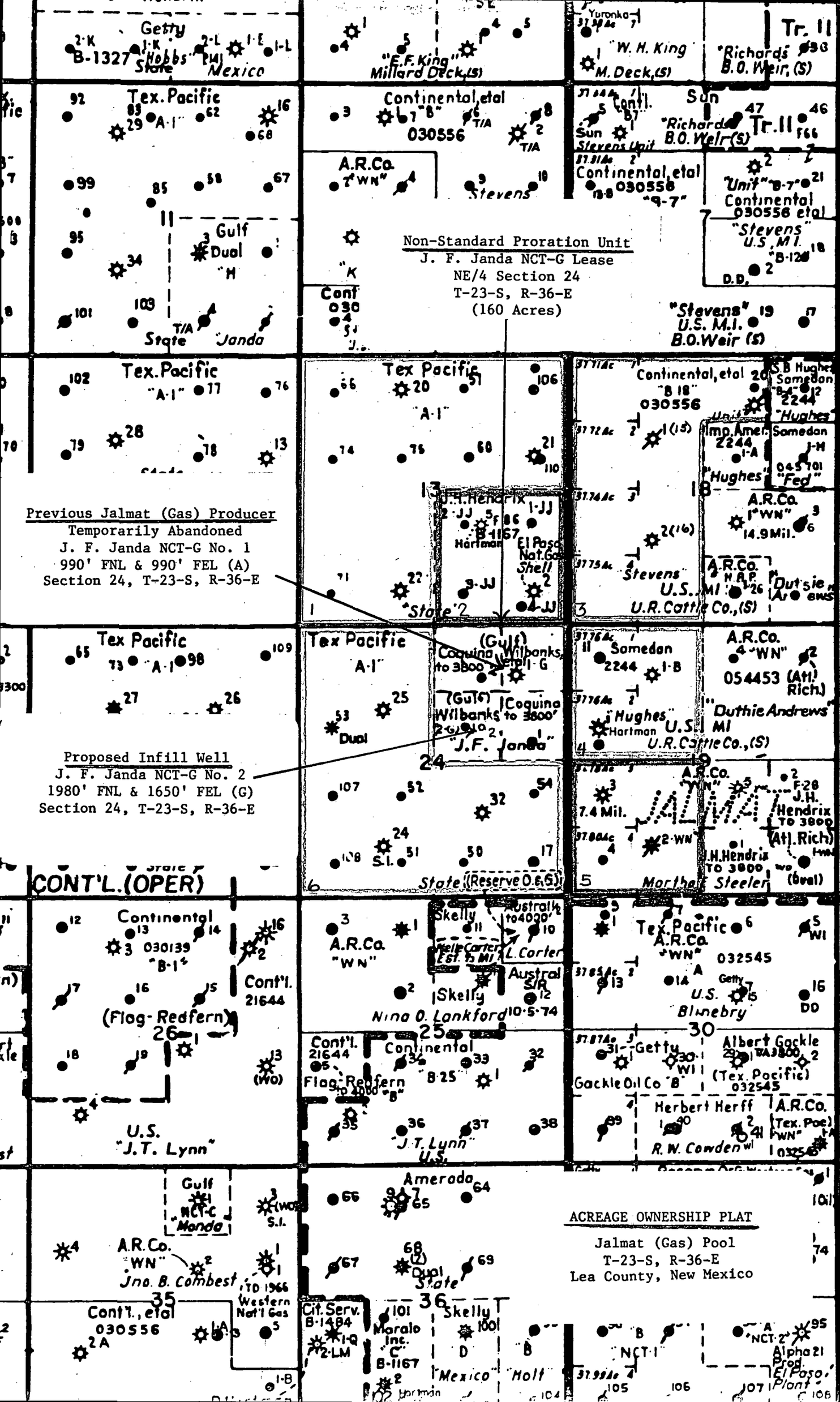
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

LIST OF OFFSET JALMAT (GAS) OPERATORS
Doyle Hartman
J. F. Janda NCT-G No. 2
G-24-23S-36E
(NE/4 Section 24, T-23-S, R-36-E)
Lea County, New Mexico

Tract	Operator	Well Name	Well Location	Proration Unit	No. of Acres
1	Sun Exploration & Production Company	State A A/C 1 No. 20 State A A/C 1 No. 21 State A A/C 1 No. 22	C-13-23-36 H-13-23-36 N-13-23-36	N/2 & SW/4 Section 13 T-23-S, R-36-E	480
2	Doyle Hartman	Shell State No. 2 Shell State No. 5	P-13-23-36 J-13-23-36	SE/4 Section 13 T-23-S, R-36-E	160
3	Conoco, Inc.	Stevens "B" No. 1 (15) Stevens "B" No. 2 (16)	F-18-23-36 K-18-23-36	W/2 & NW/4 NE/4 Section 18 T-23-S, R-36-E	360
4	Doyle Hartman	Samedan Hughes Fed. No. 1	E-19-23-36	NW/4 Section 19 T-23-S, R-36-E	160
5	ARCo Oil & Gas Corporation	E. L. Steeler WN No. 3	L-19-23-36	SW/4 Section 19 T-23-S, R-36-E	160
6	Sun Exploration & Production Company	State A A/C 1 No. 24 State A A/C 1 No. 25 State A A/C 1 No. 32 State A A/C 1 No. 53	N-24-23-36 F-24-23-36 J-24-23-36 E-24-23-36	S/2 & NW/4 Section 24 T-23-S, R-36-E	480


Non-Standard Proration Unit
J. F. Janda NCT-G Lease
NE/4 Section 24
T-23-S, R-36-E
(160 Acres)
Previous Jalmat (Gas) Producer
Temporarily Abandoned
J. F. Janda NCT-G No. 1
990' FNL & 990' FEL (A)
Section 24, T-23-S, R-36-E
Proposed Infill Well
J. F. Janda NCT-G No. 2
1980' FNL & 1650' FEL (G)
Section 24, T-23-S, R-36-E
ACREAGE OWNERSHIP PLAT
Jalmat (Gas) Pool
T-23-S, R-36-E
Lea County, New Mexico
Getty
B-1327
Hobbs State
New Mexico
"E.F. King"
Millard Deck, (S)
W. H. King
M. Deck, (S)
Tr. II
"Richards"
B.O. Weir, (S)
Tex. Pacific
"A-1"
Gulf
Dual
"H"
State
Janda
Continental, etal
030556
"B"
T/A
Sun
"Richards"
Stevens Unit
A.R.Co.
"WN"
Stevens
"Unit" "B-7"
Continental
030556 etal
"Stevens"
U.S. M.I.
"B-12"
D.D.
"Stevens"
U.S. M.I.
B.O.Weir (S)
Tex Pacific
"A-1"
J.J. Hendrix
B-1167
Hartman
El Paso Nat.Gas
Shell
"State"
Continental, etal
030556
"B 18"
Imp. Amer.
2244
"Hughes"
"Fed"
A.R.Co.
"WN"
14.9 Mil.
Stevens
U.S. MI
U.R. Cattle Co., (S)
Dutsie
Tex Pacific
"A-1"
(Gulf)
Coquina
Wilbanks, etal
to 3800
"J.F. Janda"
Somedan
2244
"Hughes"
Hartman
U.S. MI
U.R. Cattle Co., (S)
A.R.Co.
"WN"
054453 (Atl. Rich.)
"Duthie Andrews"
Dual
State (Reserve O.&G.)
Morhart Steeler
(Dual)
CONT'L. (OPER)
Continental
030139
"B-1"
Cont'l.
21644
(Flag-Redfern)
U.S.
"J.T. Lynn"
Skelly
Austral
to 4000'
Nelle Carter
Est. 5 Mi.
L. Carter
A.R.Co.
"WN"
Skelly
Austral S/R
Nina O. Lankford
10-5-74
Tex. Pacific
A.R.Co.
"WN"
032545
U.S.
Blinebry
Cont'l.
21644
Continental
Flag-Redfern
"B"
J.T. Lynn
U.S.
Getty
Gackle Oil Co "B"
Albert Gackle
(Tex. Pacific)
032545
Herbert Herff
R.W. Cowden
A.R.Co.
(Tex. Pac.)
"WN"
Gulf
NCT-C
Mondo
A.R.Co.
"WN"
Jno. B. Combest
TD 1966
Western Nat'l Gas
Amerada
Dual
State
Cont'l., etal
030556
Cit. Serv.
B-1484
Morale Inc.
B-1167
Skelly
"Mexico"
Holt
NCT-1
NCT-2
Alpha 21 Prod.
El Paso Plant

DOYLE HARTMAN
Oil Operator
500 N. MAIN
P.O. BOX 10426
MIDLAND, TEXAS 79702
(915) 684-4011

OIL CONSERVATION DIVISION

SEP - 4 1984

RECEIVED

August 27, 1984

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

Re: J. F. Janda NCT-G No. 2
NE/4 Section 24
T-23-S, R-36-E
Lea County, New Mexico
1. Request for Non-Standard Proration Unit
2. Notice of Section 103 Application

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Therefore, we hereby file for administrative approval to drill the newly proposed J. F. Janda NCT-G No. 2 at the orthodox Jalmat location of 1980' FNL and 1650' FEL of Section 24 and also for administrative approval to dedicate the well to a new 160-acre non-standard Jalmat proration unit comprised of the NE/4 of Section 24, T-23-S, R-36-E.

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 well.

Three copies of a plat showing the location of the original well on the proposed 160-acre proration unit plus the location of the proposed new 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 offsetting Jalmat Gas owners:

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One Petroleum Center, Suite 204
Building 8, North A at Wadley
Midland, Texas 79705

Attention: Mr. J. T. Power
Conservation Consultant

Conoco, Inc.
Post Office Box 460
Hobbs, New Mexico 88240

Attention: Mr. Donald W. Johnson
Division Manager

ARCo Oil and Gas Corporation
Post Office Box 1610
Midland, Texas 79702

Attention: Mr. Craig L. Payken
Area Engineer

Thank you for your consideration.

Very truly yours,

DOYLE HARTMAN

Michelle Hembree

Michelle Hembree
Administrative Assistant

MH/dm

Enclosure

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

Attention: Mr. 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
Texas American Bank Building
Suite 400
Midland, Texas 79701

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

Northern Natural Gas Company
2223 Dodge Street
Omaha, Nebraska 68102

Attention: Mr. Dennis Brune

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

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

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	Lease	Well No.
DOYLE HARTMAN	JANDA "G"	2

Unit Letter	Section	Township	Range	County
G	24	23 SOUTH	36 EAST	LEA

Actual Footage Location of Well:
1980 feet from the NORTH line and 1650 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3342.6	YATES-SEVEN RIVERS	JALMAT (GAS)	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

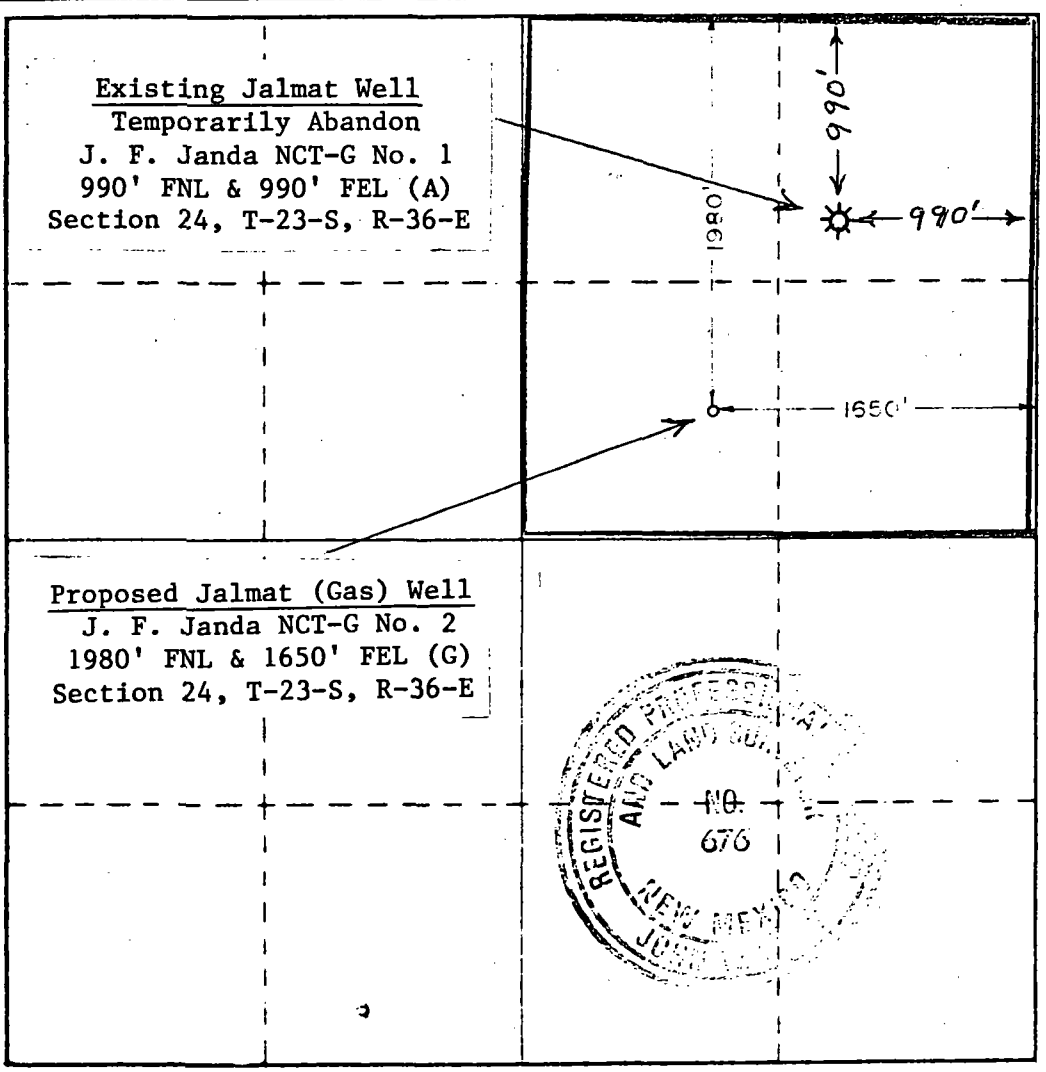
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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

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

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

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



CERTIFICATION

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

Name: Larry A. Mennings

Position: Engineer

Company: Doyle Hartman, Oil Op.

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

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

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE [X] FEE [ ]

5. State Oil & Gas Lease No. B-229-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well

OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name

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

2. Name of Operator: Doyle Hartman, Oil Operator

9. Well No.: 2

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

10. Field and Pool, or Wildcat: Jalmat (Gas)

4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600'	Yates-Seven Rivers	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3342.6 GL	Multi-approved	Undetermined	Sept. 1984

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	9 5/8	36.0	400	600	Surface
8 3/4	7	23.0	3600	700	Surface

The proposed well will be drilled to a total depth of 3600' and will be completed as a Jalmat (Yates-Seven Rivers) gas 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.

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

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

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

Signed _____ Title Engineer Date August 27, 1984

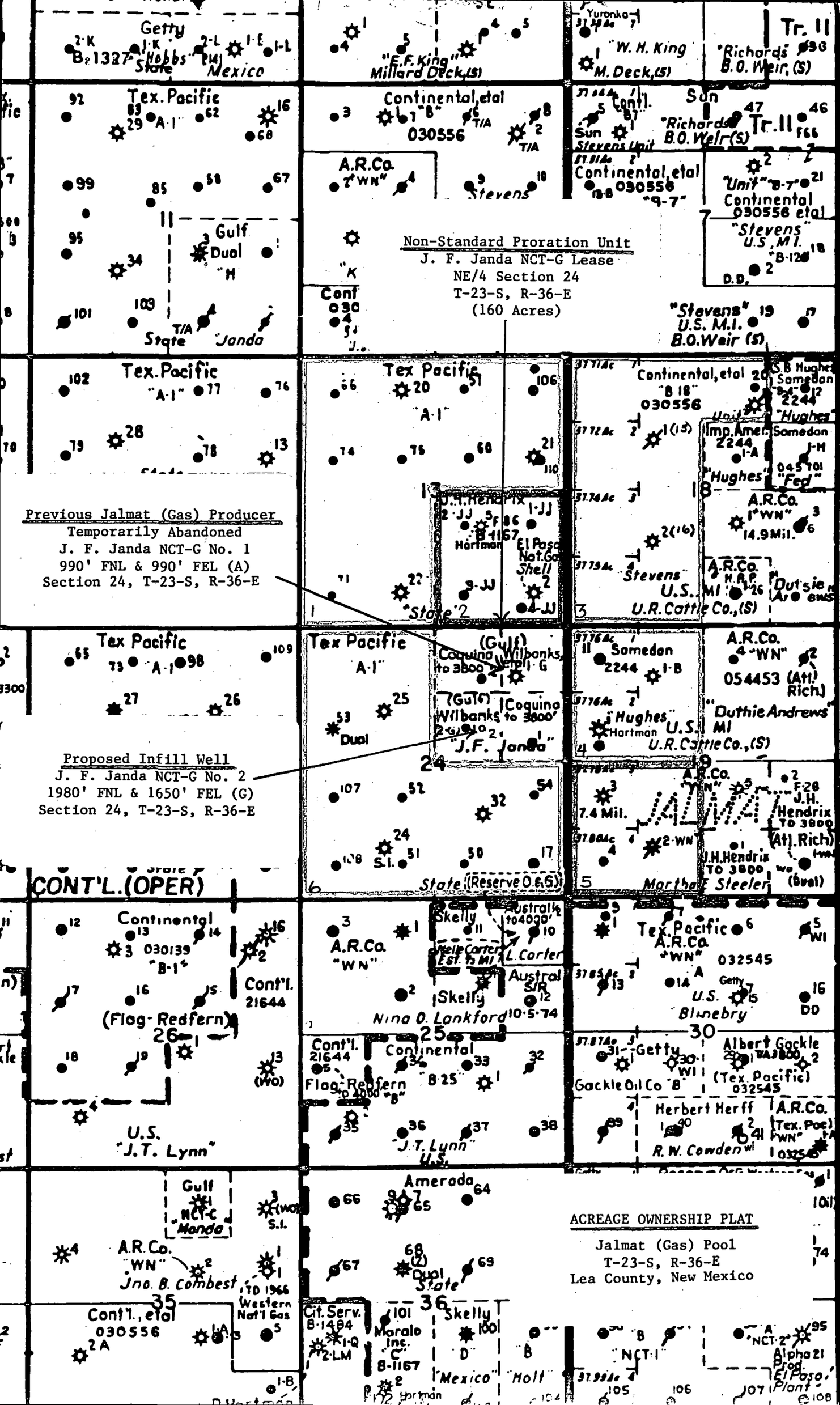
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

LIST OF OFFSET JALMAT (GAS) OPERATORS
Doyle Hartman
J. F. Janda NCT-G No. 2
G-24-23S-36E
(NE/4 Section 24, T-23-S, R-36-E)
Lea County, New Mexico

Tract	Operator	Well Name	Well Location	Proration Unit	No. of Acres
1	Sun Exploration & Production Company	State A A/C 1 No. 20 State A A/C 1 No. 21 State A A/C 1 No. 22	C-13-23-36 H-13-23-36 N-13-23-36	N/2 & SW/4 Section 13 T-23-S, R-36-E	480
2	Doyle Hartman	Shell State No. 2 Shell State No. 5	P-13-23-36 J-13-23-36	SE/4 Section 13 T-23-S, R-36-E	160
3	Conoco, Inc.	Stevens "B" No. 1 (15) Stevens "B" No. 2 (16)	F-18-23-36 K-18-23-36	W/2 & NW/4 NE/4 Section 18 T-23-S, R-36-E	360
4	Doyle Hartman	Samedan Hughes Fed. No. 1	E-19-23-36	NW/4 Section 19 T-23-S, R-36-E	160
5	ARCo Oil & Gas Corporation	E. L. Steeler WN No. 3	L-19-23-36	SW/4 Section 19 T-23-S, R-36-E	160
6	Sun Exploration & Production Company	State A A/C 1 No. 24 State A A/C 1 No. 25 State A A/C 1 No. 32 State A A/C 1 No. 53	N-24-23-36 F-24-23-36 J-24-23-36 E-24-23-36	S/2 & NW/4 Section 24 T-23-S, R-36-E	480


Previous Jalmat (Gas) Producer
Temporarily Abandoned
J. F. Janda NCT-G No. 1
990' FNL & 990' FEL (A)
Section 24, T-23-S, R-36-E
Proposed Infill Well
J. F. Janda NCT-G No. 2
1980' FNL & 1650' FEL (G)
Section 24, T-23-S, R-36-E
Non-Standard Proration Unit
J. F. Janda NCT-G Lease
NE/4 Section 24
T-23-S, R-36-E
(160 Acres)
ACREAGE OWNERSHIP PLAT
Jalmat (Gas) Pool
T-23-S, R-36-E
Lea County, New Mexico
CONT'L.(OPER)
Getty
Tex. Pacific
Continental, etal
030556
Sun
Tr. II
A.R.Co.
Gulf
Dual
Tex Pacific
A-1
Continental, etal
030556
Hughes
Samedon
Hughes
Fed
A.R.Co.
Stevens
U.S.
U.R.Cattle Co.,(S)
Dutsie
Tex Pacific
A-1
(Gulf)
Coquina
Wilbanks, etal
J.F. Janda
Hughes
Hartman
U.S.
Duthie Andrews
MI
A.R.Co.
054453 (Atl.)
Rich)
A.R.Co.
7.4 Mil.
J.H. Hendrix
TD 3800
(Atl.Rich)
Hendrix
State (Reserve O.&G.)
Martha Steeler
Continental
030139
Cont'l.
21644
(Flag-Redfern)
U.S.
"J.T. Lynn"
A.R.Co.
Skelly
Austral
to 4000'
L. Carter
Nina O. Lankford
10-5-74
Tex. Pacific
A.R.Co.
032545
U.S.
Blinebry
Cont'l.
21644
Continental
Flag-Redfern
B-25
Getty
Albert Gackle
(Tex. Pacific)
032545
Gackle Oil Co
Herbert Herff
R.W. Cowden
A.R.Co.
(Tex. Poc)
Gulf
NCT-C
Mondo
A.R.Co.
Jno. B. Combest
TD 1966
Western Nat'l Gas
Amerada
Dual
State
Cont'l., etal
030556
Cit. Serv.
B-1484
Morale Inc.
B-1167
Skelly
"Mexico"
Holt
NCT-1
Alpha
Prod.
El Paso
Plant