

OIL CONSERVATION DIVISION
FEL-710

MAY 11 1992

EDDIE W. SEAY, CEI
601 W. ILLINOIS
HOBBS, NM 88240
505-392-2236

RELEASE DATE
5-28-92

May 11, 1992

Mr. David Catanach
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Dear Sir:

Please find enclosed Smith & Marris Inc. application to convert well #115 Unit I, Sect. 11, T.22S, R.35E, Lea Co., NM to injection.

The notice and publication has been completed.

Upon your receipt of application, Smith & Marris would like to run injectivity test to determine whether acid or other stimulation may be required.

If you have questions, please call me at number listed above.

Your consideration is appreciated.

Sincerely,

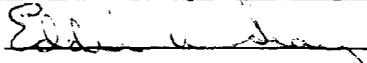
Eddie W. Seay, CEI

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no
- II. Operator: Smith & Marrs Inc.
Address: P.O. Box 863 Hermit, TX 79745
Contact party: Ricky Smith Phone: (915)586-3076
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project R-2243.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Eddie W. Seay Title Agent (505)392-2236

Signature:  Date: May 8, 1992

- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

FORM C-108

APPLICATION FOR AUTHORIZATION TO INJECT

SMITH & MARRS INC.
JALMAT FIELD YATES SAND UNIT

III. A

1. Jalmat Field Yates Sand Unit Well No. 115-I
Sect. 11 T22S R35E
1980/S 330/E Lea Co., NM
2. 8 5/8" 24# CSG set at 334' with 225 SXS CMT CIRC
5 1/2" 15# CSG set at 4033' with 210 SXS CMT
TOC by Survey 980'
3. Plan to set 2" plastic lined tubing set at approx.
3800'.
4. Plan to run a Baker Tension Packer and set approx.
3800'.

III. B

1. The injection interval is the Jalmat, Tansil, Yates, 7R
formation. Jalmat Field.
2. The injection interval is through existing perfs. from
3844' - 3946'.
3. The well was originally drilled as an oil well.
4. None
5. None

PART 5. Attached

PART 6. Attached

- PART 7.
1. The average rate of injection will be approx.
200 bls. per day with maximum of 300 bls. per
day.
 2. The system will be closed.
 3. The average pressure will be 400 to 600 psi
with a maximum of 800 psi.
 4. The source of water will be reinjected produced
water.
 5. N/A

PART 8. Previously submitted.

PART 9. No major stimulation proposed, only acid if needed.

PART 10. Previously submitted.

PART 11. All available geologic and engineering data has been examined and no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water was found.

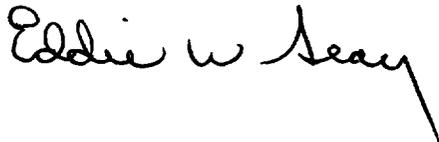
May 6, 1992

Dear Sir:

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Smith & Marrs, Inc. has filed for expansion of their Jalmat Yates Sand Unit in accordance with OCD R-2243. Smith & Marrs, Inc. wish to convert well #115 Unit I 1980/S 330/E Sect. 11 Township 13 Range 31E, Lea Co., NM from production to injection for the reinjection of produced water, approximately 300 bls. per day at 600# pressure into the Jalmat, Yates, 7R formation.

Any questions or objections must be filed with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 89501 within 15 days.

Sincerely,

A handwritten signature in cursive script that reads "Eddie W. Seay". The signature is written in black ink and is positioned above the typed name and address.

Eddie W. Seay, Agent
601 W. Illinois
Hobbs, NM 88240
(505)392-2236

LEGAL NOTICE

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Smith & Marrs, Inc. has filed for expansion of their Jalmat Yates Sand Unit in accordance with OCD R-2243. Smith & Marrs, Inc. wish to convert well #115 Unit I 1980/S 330/E Sect. 11 Township 13 Range 31E, Lea Co., NM from production to injection for the reinjection of produced water, approximately 300 bls. per day at 600# pressure into the Jalmat, Yates, 7R formation.

Any questions or objections must be filed with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 89501 within 15 days.

LEGALS

LEGAL NOTICE

May 10, 1992

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, N.M. notice is hereby given that Smith & Marrs, Inc. has filed for expansion of their Jalmat Yates Sand Unit in accordance with OCD R-2243. Smith & Marrs, Inc. wish to convert well #115 Unit 1 1980/S 330/E Sect. 11 Township 13 Range 31E, Lea Co., NM from production to injection for the reinjection of produced water, approximately 300 bls. per day at 600# pressure into the Jalmat, Yates, 7R formation.

Any questions or objections must be filed with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 89501 within 15 days.

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Smith & Marrs Inc.
 P.O. Box 863
 Kermit, TX 79745

4a. Article Number
 P 365 085 246

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery
 1992

5. Signature (Addressee)
[Signature]

6. Signature (Agent)

PS Form 3811, November 1990 *U.S. GPO: 1991-287-066 **DOMESTIC RETURN RECEIPT**

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Merchant Livestock Co.
 Box 1166
 Carlsbad, NM 88221

4a. Article Number
 P 365 085 247

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

5. Signature (Addressee)
Dick [Signature]

6. Signature (Agent)

PS Form 3811, November 1990 *U.S. GPO: 1991-287-066 **DOMESTIC RETURN RECEIPT**

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Commissioner of Public Lands
 P.O. Box 1148
 Santa Fe, NM 87504

4a. Article Number
 P 365 085 245

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery
 AR

8. Addressee's Address (Only if requested and fee is paid)
 AR

5. Signature (Addressee)
Mike [Signature]

6. Signature (Agent)

PS Form 3811, November 1990 *U.S. GPO: 1991-287-066 **DOMESTIC RETURN RECEIPT**

WATER ANALYSIS REPORT

Company : EDDIE SEAY
 Address : HOBBS, NEW MEXICO
 Lease : JALMAT YATES
 Well : UNIT B SEC T14 T22 R
 Sample Pt. : FRESH WATER WELL

Date : 2-6-92
 Date Sampled : 2-5-92
 Analysis No. : 134

ANALYSIS	mg/L			* meq/L
1. pH	7.3			
2. H2S	0 PPM			
3. Specific Gravity	1.000			
4. Total Dissolved Solids	435.1			
5. Suspended Solids				
6. Dissolved Oxygen				
7. Dissolved CO2				
8. Oil In Water				
9. Phenolphthalein Alkalinity (CaCO3)				
10. Methyl Orange Alkalinity (CaCO3)	182.0			
11. Bicarbonate	HCO3 222.0	HCO3		3.6
12. Chloride	Cl 67.0	Cl		1.9
13. Sulfate	SO4 22.5	SO4		0.5
14. Calcium	Ca 43.7	Ca		2.2
15. Magnesium	Mg 11.2	Mg		0.9
16. Sodium (calculated)	Na 66.6	Na		2.9
17. Iron	Fe 0.1			
18. Barium	Ba 2.0			
19. Strontium	Sr 0.0			
20. Total Hardness (CaCO3)	155.1			

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L																																																
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-right: 1px dashed black;">2</td> <td style="text-align: center;">*Ca <-----</td> <td style="text-align: center;">*HCO3</td> <td style="text-align: center; border-right: 1px dashed black;">4</td> </tr> <tr> <td style="text-align: center; border-right: 1px dashed black;">1</td> <td style="text-align: center;">/-----></td> <td style="text-align: center;">*SO4</td> <td style="text-align: center; border-right: 1px dashed black;">0</td> </tr> <tr> <td style="text-align: center; border-right: 1px dashed black;">3</td> <td style="text-align: center;">*Na <-----></td> <td style="text-align: center;">*Cl</td> <td style="text-align: center; border-right: 1px dashed black;">2</td> </tr> </table>	2	*Ca <-----	*HCO3	4	1	/----->	*SO4	0	3	*Na <----->	*Cl	2	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Ca (HCO3) 2</td> <td style="text-align: right;">81.0</td> <td style="text-align: right;">2.2</td> <td style="text-align: right;">177</td> </tr> <tr> <td style="text-align: left;">CaSO4</td> <td style="text-align: right;">68.1</td> <td></td> <td></td> </tr> <tr> <td style="text-align: left;">CaCl2</td> <td style="text-align: right;">55.5</td> <td></td> <td></td> </tr> <tr> <td style="text-align: left;">Mg (HCO3) 2</td> <td style="text-align: right;">73.2</td> <td style="text-align: right;">0.9</td> <td style="text-align: right;">67</td> </tr> <tr> <td style="text-align: left;">MgSO4</td> <td style="text-align: right;">60.2</td> <td></td> <td></td> </tr> <tr> <td style="text-align: left;">MgCl2</td> <td style="text-align: right;">47.6</td> <td></td> <td></td> </tr> <tr> <td style="text-align: left;">NaHCO3</td> <td style="text-align: right;">84.0</td> <td style="text-align: right;">0.5</td> <td style="text-align: right;">45</td> </tr> <tr> <td style="text-align: left;">Na2SO4</td> <td style="text-align: right;">71.0</td> <td style="text-align: right;">0.5</td> <td style="text-align: right;">33</td> </tr> <tr> <td style="text-align: left;">NaCl</td> <td style="text-align: right;">58.4</td> <td style="text-align: right;">1.9</td> <td style="text-align: right;">110</td> </tr> </table>	Ca (HCO3) 2	81.0	2.2	177	CaSO4	68.1			CaCl2	55.5			Mg (HCO3) 2	73.2	0.9	67	MgSO4	60.2			MgCl2	47.6			NaHCO3	84.0	0.5	45	Na2SO4	71.0	0.5	33	NaCl	58.4	1.9	110		
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Saturation Values Dist. Water 20 C CaCO3 13 mg/L CaSO4 * 2H2O 2090 mg/L BaSO4 2.4 mg/L																																																			

REMARKS:

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2546
Order No. R-2243

APPLICATION OF THE BRITISH AMERICAN
OIL PRODUCING COMPANY FOR A WATER-
FLOOD PROJECT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 25, 1962, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 28th day of May, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the Jalmat Field-Yates Sand Unit has heretofore been approved by the Commission by Order No. R-2235; that the Jalmat Field-Yates Sand Unit Area comprises 2,680 acres in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico, as more fully described in said order.

(3) That the applicant, The British American Oil Producing Company, seeks permission to institute a waterflood project in the Jalmat Field-Yates Sand Unit Area by the injection of water into the Yates formation of the Jalmat Pool initially through 16 wells located within said unit area.

(4) That the wells in the subject waterflood project are properly classified as "stripper" wells.

(5) That the subject application should be approved and should be made subject to the provisions of Rule 701.

(6) That restrictions should be imposed upon the method used to inject water in order to protect fresh water-bearing formations in the area.

IT IS THEREFORE ORDERED:

(1) That The British American Oil Producing Company is hereby authorized to institute a waterflood project in the Jalmat Field-Yates Sand Unit Area, located in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico, by the injection of water initially through the following-described wells:

Amerada-State WE-J Well No. 2, Unit D, Section 11;
Aztec-State J-10 Well No. 1, Unit P, Section 10;
British American-Hull State "F" Well No. 1, Unit P, Section 11;
British American-Hull State "F" Well No. 4, Unit H, Section 11;
British American-Hull State "F" Well No. 5, Unit O, Section 11;
British American-Hull State "F" Well No. 7, Unit J, Section 11;
British American-Hull State "F" Well No. 10, Unit F, Section 11;
British American-Hull State "F" Well No. 13, Unit B, Section 11;
British American-New Mexico "B" Well No. 8, Unit B, Section 14;
Carper Drilling Company-Randel "A" Well No. 5, Unit N, Section 2;
Carper Drilling Company-Randel "C" Well No. 3, Unit N, Section 12;
Carper Drilling Company-Randel "C" Well No. 4, Unit L, Section 12;
Gulf-Janda "K" Well No. 2, Unit F, Section 14;
Gulf-Janda "K" Well No. 3, Unit N, Section 14;
Gulf-Janda "K" Well No. 5, Unit D, Section 14; and
Gulf-Janda "K" Well No. 6, Unit L, Section 14.

(2) That the subject waterflood project shall be governed by the provisions of Rule 701.

(3) That water injection shall be accomplished either by injecting into all sands through one string of tubing under a packer or by injecting selectively through two strings of tubing under a packer; provided, however, that in the case of selective injection wells which are equipped with less than 5 1/2-inch pipe, selective injections may be made through one string of tubing under a packer and through the casing-tubing annulus in which case the casing must have been perforated and squeeze-cemented from total depth to the shoe of the surface string of casing.

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

-3-

CASE No. 2546

Order No. R-2243

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Smith & Marrs, Inc.,
Address
P.O. Box 863, Kermit, TX 79745

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

Other (Please explain)
Change of Operator's name from Rickey Smith and Mayo Marrs to Smith & Marrs, Inc.

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jalmat Field Yates Sand Un	Well No. 115	Pool Name, including Formation Jalmat Tansil Yates SR	Kind of Lease State, Federal or Fee State	Lease No. E-8322
Location Unit Letter <u>I</u> ; <u>1980</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line of Section <u>11</u> Township <u>22S</u> Range <u>35E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Texas New Mexico Pipeline Co.	Address (Give address to which approved copy of this form is to be sent) P.O. 2528, Hobbs, NM 88241
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips 66 Natural Gas	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, TX 79761
If well produces oil or liquids, give location of tanks. Unit <u>I</u> Sec. <u>11</u> Twp. <u>22S</u> Rge. <u>35E</u>	Is gas actually connected? <u>Yes</u> When <u>Unknown</u>

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

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

VI. CERTIFICATE OF COMPLIANCE

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


Agent
11/9/88
(Date)

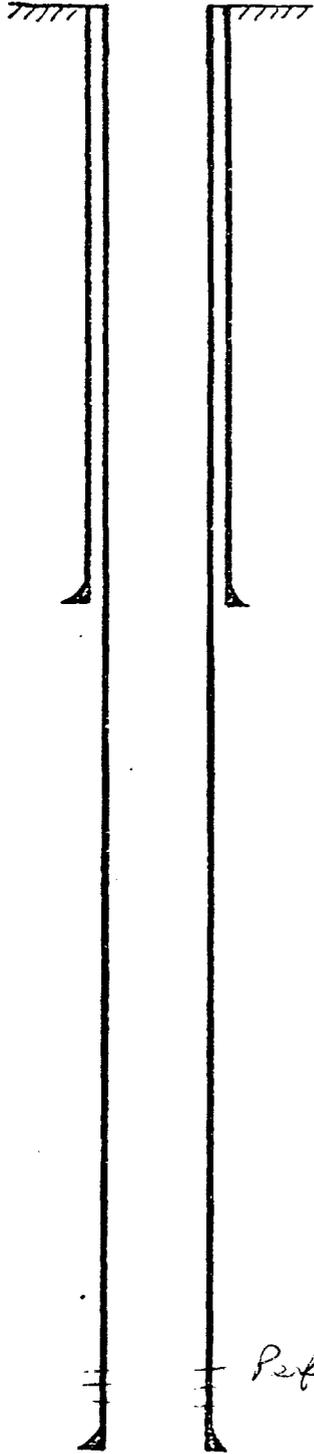
OIL CONSERVATION DIVISION

APPROVED NOV 22 1988, 19____
BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the 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.

OPERATOR Smith & Mann Inc		DATE	
LEASE Jalnet Field Yellow Sand U1	WELL No. 115	LOCATION S.11 T.22 R.35E 1980/5 330/E	

Producing well - to
be converted to w/w



$8\frac{5}{8}$ " casing set at 334 ' with 225 sx of C cement
Hole size $12\frac{1}{4}$ " Cas.

Ref 3844 - 3986

$5\frac{1}{2}$ " casing set at 4033 ' with 210 sx of C + Diesel cement
Total Depth 4033 ' Hole size 7 " TDC by Survey 980'

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-2682

7. Unit Agreement Name
Water Injection Well Jalmat Field Yates Sand Unit

8. Farm or Lease Name

9. Well No.
117

10. Field and Pool, or Wildcat
Jalmat

12. County
Lea

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER-
Water Injection Well

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
Box 670, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER N, 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 12 TOWNSHIP 22-S RANGE 35-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3606' GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

Plugged and abandoned.

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

3908' TD, 3900' PB.

Could not pull tubing. Cut and recovered 2-1/16" tubing from 3713', leaving 10' tubing and packer in hole. Ran CI BP and set at 3639'. Loaded hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 15 sack cement plug from 2001' to 1849', across salt. Spotted 15 sack cement plug from 100' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned June 18, 1974.

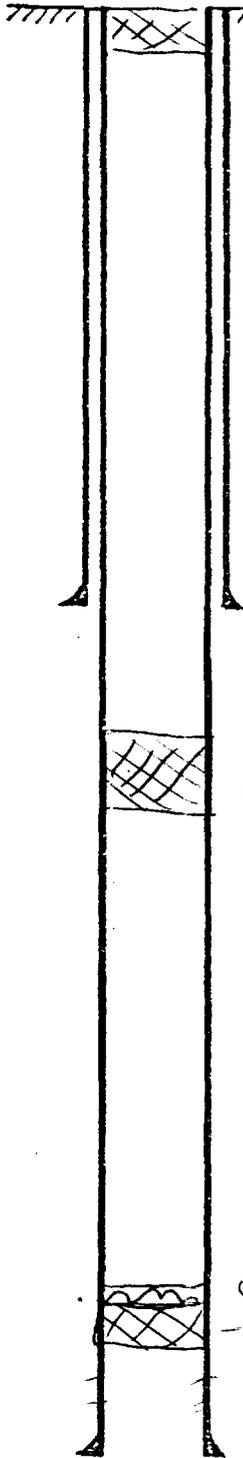
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

PREPARED BY B. Zanblatt TITLE Area Engineer DATE June 18, 1974

APPROVED BY John W. Ryan TITLE Geologist DATE SEP 18 1974

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR Gulf Oil Corp	DATE P+A 1974	
LEASE Jalapa Field Yate Sand Unit	WELL No. 117	LOCATION S. T. 12 T. 22 R. 35 E. 660/S 1980/W



Surface plug

$8\frac{5}{8}$ " casing set at 277' with 225 sx of C cement
 Hole size 12 1/4" case

Plug 2001 - 1549

Casing w/ cement
 - CIBP 3713

$5\frac{1}{2}$ " casing set at 3907' with 600 sx sx of C cement
 Total Depth 3908' Hole size 7" TSC code
 750'

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-158
7. Unit Agreement Name Field Yates Sand Unit
8. Farm or Lease Name
9. Well No. 130
10. Field and Pool, or Wildcat Jalmat
12. County LEA

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

1. OIL WELL GAS WELL OTHER- **Water Injection Well** **Jalmat**

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
Box 670, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **D** **660** FEET FROM THE **North** LINE AND **330** FEET FROM
THE **West** LINE, SECTION **13** TOWNSHIP **22-8** RANGE **35-E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3609' RB

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
	<u>Plugged and abandoned</u>

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

3940' TD, 3938' PB.
 Could not release packer at 3957'. Cut and recovered tubing at 3751', leaving 6' tubing and packer in hole. Ran CI BP and set at 3740'. Loaded hole with gel water. Spotted 5 sack cement plug on top of BP. Spotted 10 sack cement plug from 2000' to 1840', across salt. Spotted 15 sack cement plug from 100' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned June 18, 1974.

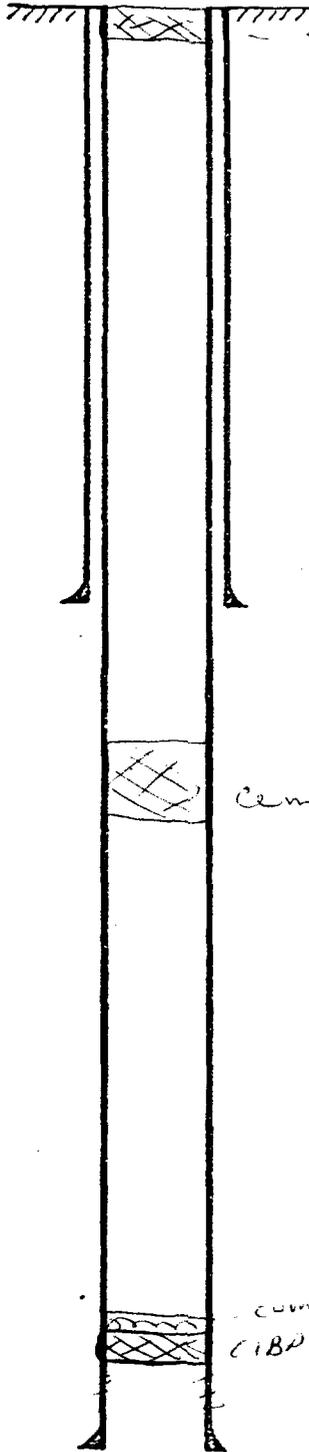
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

ED *B. J. Barber* TITLE Area Engineer DATE June 18, 1974

APPROVED BY *John W. Reagan* TITLE Geologist DATE SEP 13 1974

DISTRICT OF APPROVAL, IF ANY:

OPERATOR	Gulf Oil Corp	DATE	P+A 1974
LEASE	Jolmet Field Yates Sand Unit	WELL No.	130
		LOCATION	S. 13 T22 R35E 660/N 330/W



$8\frac{5}{8}$ " casing set at 1811 ' with 800 sx of C cement
 Hole size $12\frac{1}{4}$ " core.

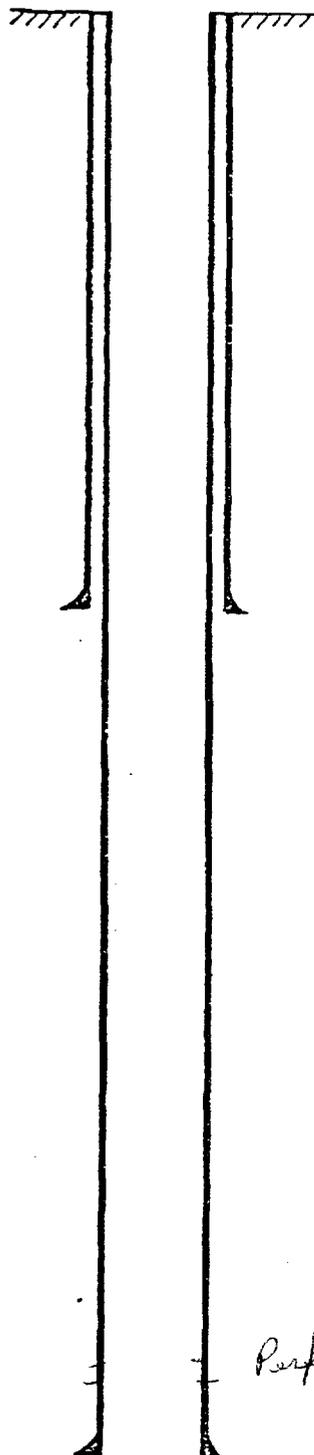
cement plug 2000 - 1840

cement cap
 (1800 3740)

$4\frac{1}{2}$ " casing set at 3940 ' with 400 sx of C cement
 Total Depth 3940 ' Hole size 7 " Tisc Calc. 1400

OPERATOR Smith + Mears Inc	DATE
LEASE Palmer Yata Sand Unit	WELL No. 116
LOCATION Sec 12 T22 R35 66°15' 66°10'	

Inj well.



$8\frac{5}{8}$ " casing set at 280 ' with 200 sx of C cement
 Hole size $12\frac{1}{4}$ " are

Perfs 3828 - 3964

$5\frac{1}{2}$ " casing set at 4003 ' with 300 sx of C cement
 Total Depth 4003 ' Hole size 7 " Calc TSC
 1760

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-2682

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

1. OIL WELL GAS WELL OTHER

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
P. O. Box 670, Hobbs, N.M. 88240

4. Location of Well
UNIT LETTER M 660 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE, SECTION 12 TOWNSHIP 22S RANGE 35E NMPM.

7. Unit Agreement Name
Jalmat Field Yates Sand

8. Farm or Lease Name

9. Well No.
118

10. Field and Pool, or Wildcat
Jalmat

11. Elevation (Show whether DF, RT, GR, etc.)
3612' GL

12. County
Lea

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

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

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.
3952' TD. 3949' PB. Ran CI BP and set at 3725'. Loaded hole with 86 barrels of water containing 15 sacks of Bentonite. Mud weight 8.4#. Spotted 10 sacks cement on top of BP. Spotted 6 sacks cement from 50' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned 2-14-72.

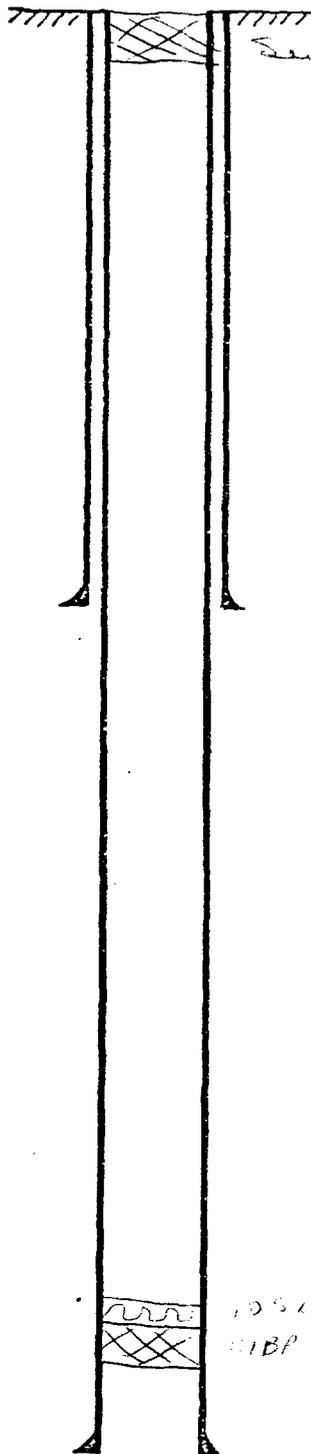
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

C.D. Katterer TITLE Area Engineer DATE 2-14-72

ED BY Nathan E. Clegg TITLE OIL & GAS INSPECTOR DATE MAR 8 1972

TIONS OF APPROVAL, IF ANY:

OPERATOR	Gulf Oil Corp	DATE	P+A 1972
LEASE	Jalmit Field Yata Sand Unit	WELL No.	118
		LOCATION	Set 12 T 22 R 35 E 66715 66916



Surface Plug

8 1/2 " casing set at 317 ' with 225 sx of C cement
 Hole size 12 1/4 " core.

1051 cement BP
 IBP 3725

5 1/2 " casing set at 3951 ' with 600 sx of C cement
 Total Depth 3952 ' Hole size 7 " Calc. TSC
 725'

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-8173

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Jalmat Field Yates Sand Unit
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name
3. Address of Operator Box 670, Hobbs, New Mexico 88240	9. Well No. 129
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE, SECTION <u>14</u> TOWNSHIP <u>22-S</u> RANGE <u>35-E</u> NMPM.	10. Field and Pool, or Wildcat Jalmat
15. Elevation (Show whether DF, RT, GR, etc.) 3594' GL	12. County Lea

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

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

Plugged and Abandoned.

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.

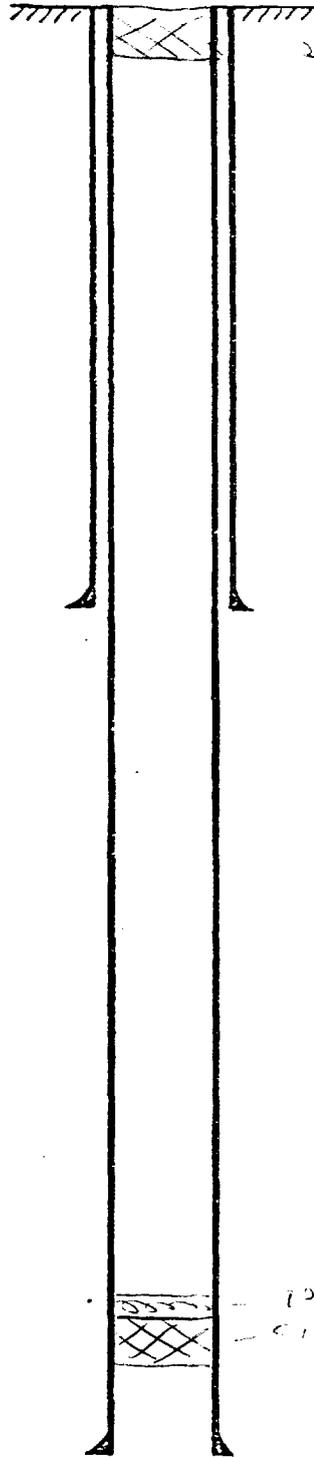
3970' TD, 3951' PB
Pulled rods, pump and tubing. Ran CI BP and set at 3773'. Loaded hole with 8.5# mud. Spotted 10 sack cement on top of BP. Spotted 5 sack cement plug from 60' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned February 14, 1972.

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

BY E. J. Kallay TITLE Area Engineer DATE February 14, 1972

APPROVED BY Nathan E. Dugg TITLE OIL & GAS INSPECTOR DATE MAR 8 1972

OPERATOR	Gulf O.I. Corp		DATE	P+A 1972
LEASE	Jalnet Field Yates Sand Unit	WELL No.	124	LOCATION S 14 T22 R35 (60)N 330/E



surface Plug

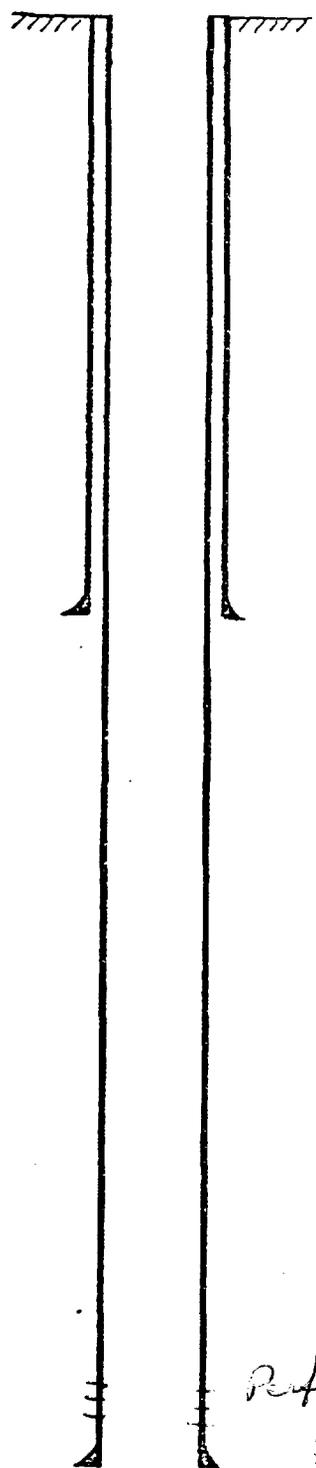
8 5/8 " casing set at 334 ' with 180 sx of C cement
 Hole size 12 1/4 " ann.

100% cement
 - CIBP

4 1/2 " casing set at 3969 ' with 225 sx of C+D cement
 Total Depth 3969 ' Hole size 7 " TOC 580

OPERATOR	Smith + Marris Inc.		DATE
LEASE	Jalmet Field Yates Sand Unit	WELL No.	LOCATION
		108	Sec 11 T22 R35E 1980/N 330/E

Inj well



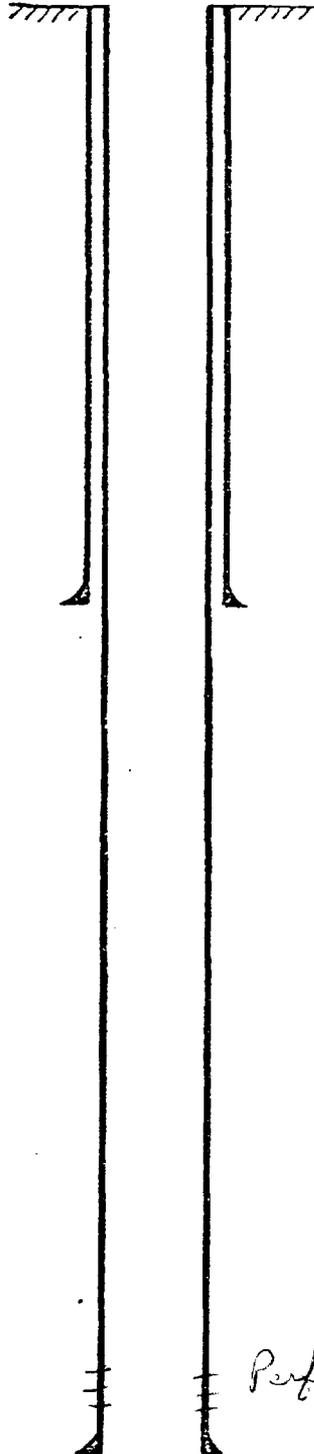
8 5/8 " casing set at 335 ' with 225 sx of C cement
 Hole size 12 1/4 " line

Perf 3868 - 3930

5 1/2 " casing set at 4041 ' with 404 sx of C cement
 Total Depth 4041 ' Hole size 7 " TOC 1600

OPERATOR <i>Smith + Marv's Inc</i>	DATE		
LEASE <i>Jelmat Field Yate Sand Unit</i>	WELL No. <i>110</i>	LOCATION <i>S. 11 T. 22 R. 35</i>	<i>1980/N 1650/W</i>

In's well.



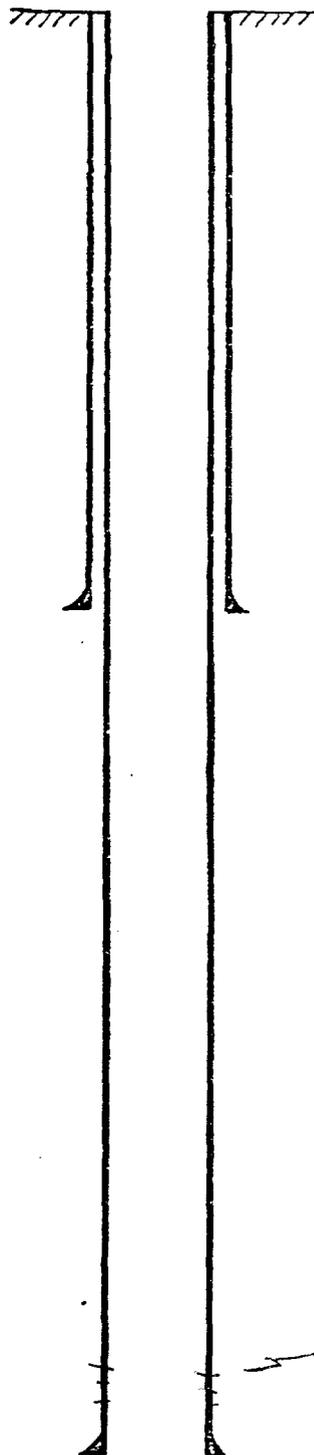
8 5/8 " casing set at 335 ' with 200 sx of C cement
 Hole size 12 1/4 " *line.*

Perfs 3890 - 4000

5 1/2 " casing set at 4064 ' with 200 sx of C + Drilled cement
 Total Depth 4064 ' Hole size 7 " *TOC 790*

OPERATOR Smith & Marris Inc		DATE	
LEASE Jalmat Field Yates Sand Unit	WELL No. 109	LOCATION Sect 11 T22 R35E 1980/N 2310/E	

Producing well



8 5/8 " casing set at 335 ' with 100 sx of C cement
Hole size 12 1/4 " dia.

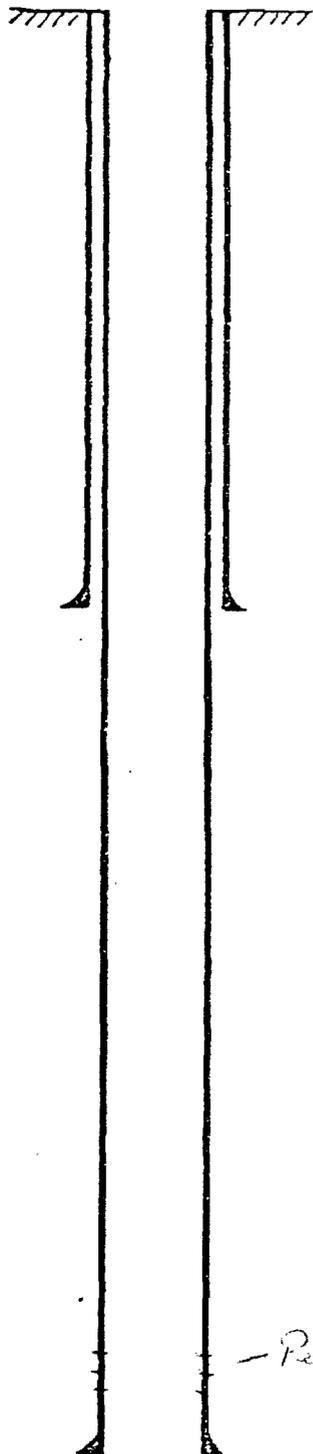
Perfs 3890 - 4000

5 1/2 " casing set at 4029 ' with 300 sx of C + Diced cement
Total Depth 4029 ' Hole size 7 " Top By Survey

910

OPERATOR Smith + Marrs Inc	DATE	
LEASE Jalnet Field Site Sand Unit	WELL No. 113	LOCATION S. 11 T. 22 R. 35 E. 1980/1N 2310/W

Producing well



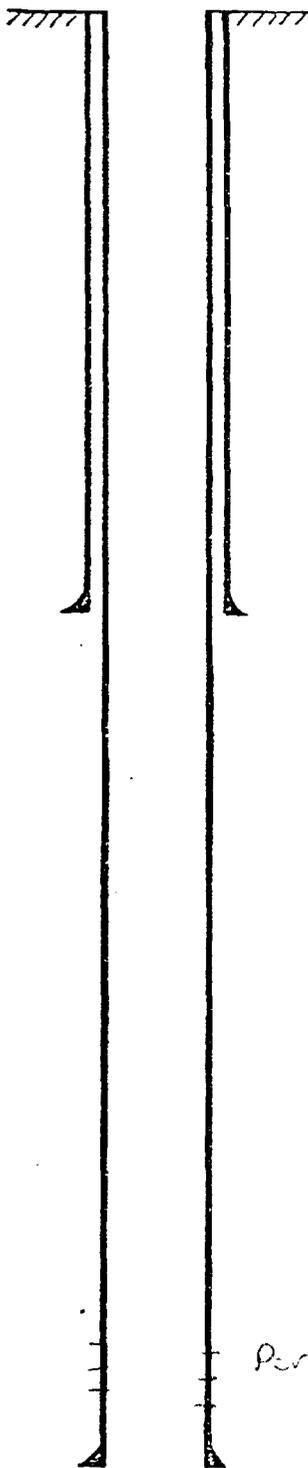
8 5/8 " casing set at 335 ' with 225 sx of C cement
Hole size 12 1/4 " me

- Perforations 3403 - 3498

5 1/2 " casing set at 4102 ' with 300 sx of C + Diacel cement
Total Depth 4102 ' Hole size 7 " To c B_g Survey
1840

OPERATOR	Smith & Mann Inc			DATE	
LEASE	Jalnet Field Yates Sand Unit	WELL No.	131	LOCATION	S. 11 T22 R35 66°/S 33°/E

Inj well.



8 5/8 " casing set at 339 ' with 225 sx of C cement
 Hole size 12 1/4 " Case

Perfor 3800 - 4000

5 1/2 " casing set at 4051 ' with 200 sx of C4 Diocel cement
 Total Depth 4055 ' Hole size 7 " Top Cement
 by Survey
 1775

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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.
E-8244

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER
 2. Name of Operator: *Gulf Oil Corp.*
 3. Address of Operator: *P. O. Box 670, Hobbs, NM 88240*
 4. Location of Well: UNIT LETTER *P* *660* FEET FROM THE *South* LINE AND *330* FEET FROM THE *East* LINE, SECTION *11* TOWNSHIP *22S* RANGE *35E* NMPM.
 7. Unit Agreement Name: *Galmat Field Yates Land Unit*
 8. Farm or Lease Name: *Galmat*
 9. Well No.: *119*
 10. Field and Pool, or Wildcat: *Galmat*
 12. County: *Lea*

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING
 TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
 PULL OR ALTER CASING OTHER CASING TEST AND CEMENT JOBS
 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.

*POH w/ thg + pkv. Set cmt ret @ 3549', tot thg 3000#-ok.
 Pump 80 sv cmt. Dump 5 sv on ret. Circ hole w/ abandonment
 mud. Spot 20 sv 1900'-2100'. Perf @ 424'. Establish rate. Pump
 179 sv + circ to surf. Set dry hole marker. Clean + clear
 loc. Work performed 12-27-84.*

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

SIGNED *R. D. Prite* TITLE AREA ENGINEER DATE 1-2-85
 APPROVED BY *R. A. Kuller* TITLE OIL & GAS INSPECTOR DATE FEB - 4 1985

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR	Gulf Oil Corp	DATE	P+A 1985
LEASE	Jelmot Field Yata Sand Unit	WELL No.	119
		LOCATION	S-11 T-22 R-35 E 660/S 330/E



$8 \frac{5}{8}$ " casing set at 360 ' with 200 sx of U C cement
 Hole size $12 \frac{1}{4}$ " C.C.

Perf
 + Sq 424
 1795x
 C.C.

Plug 1900' - 2100'

Retainer 3549 5g 80 sx. Cap retainer with 5sx cement.

$5 \frac{1}{2}$ " casing set at 4007 ' with 250 sx of C+Diac. cement
 Total Depth 4010 ' Hole size 7 " TDC By Survey
 1500

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
B-8244

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

1. OIL WELL GAS WELL OTHER-
2. Name of Operator: **Jalmat Field Yates Sand Unit**
3. Address of Operator: **Gulf Oil Corporation**
4. Location of Well: **Box 670, Hobbs, New Mexico 88240**
5. Unit Agreement Name: **Jalmat Field Yates Sand Unit**
6. Farm or Lease Name: **Jalmat**
7. Well No.: **120**
8. Field and Pool, or Wildcat: **Jalmat**
9. Unit Letter: **0**, **660** FEET FROM THE **South** LINE AND **1650** FEET FROM THE **East** LINE, SECTION **11** TOWNSHIP **22-S** RANGE **35-E** NMPM.
10. Elevation (Show whether DF, RT, GR, etc.): **3609' GL**
11. County: **Lea**

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

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

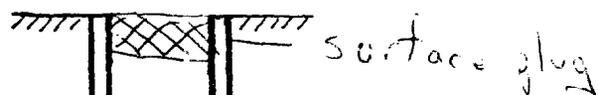
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.
4026' PB, 4031' TD.
Pulled rods and tubing. Ran CI BP on 2-7/8" tubing and set BP at 3801'. Spotted 10 sack cement plug from BP to 3712'. Loaded 5-1/2" casing with 83 barrels of water containing 23 sacks of salt gel. Spotted 16 sack cement plug from 1260' to 1100', at top of salt. Spotted 62' cement plug from 62' to surface. Installed dry hole marker. Cleaned location. Plugged and abandoned March 30, 1973.

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

SIGNED H. J. Beazale TITLE Area Engineer DATE March 30, 1973

APPROVED BY John W. Ransom TITLE _____ DATE _____

OPERATOR	Gulf Oil Corp		DATE	P+A 1973	
LEASE	Jalmet Field Yates Sand Unit	WELL No.	120	LOCATION	Sec 11 T 22 R 35 E 16 1/2 S 16 50 E



8 5/8 " casing set at 335 ' with 225 sx of C1 C cement
 Hole size 12 1/4 " Cement Circ.

- Plug 1260 - 1100

- 10 5/8 cement
 - CIBP

5 1/2 " casing set at 4030 ' with 294 sx of Class C cement

Total Depth 4031 ' Hole size 7 " TOC By Survey
 1790