

J. E. HASELOFF & EIDSON RANCH, INC.
Box 249 - 606 S. COMMERCIAL
LOVINGTON, N.M. 88260
PHONE-396-3115

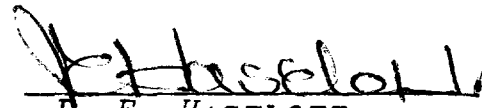
JUN 01 1982
OIL CONSERVATION DIVISION
28 MAY 82 SANTA FE

OIL CONSERVATION DIVISION
STATE LAND OFFICE BUILDING
P.O. Box 2088
SANTA FE, NEW MEXICO 87501

GENTLEMEN:

SUBMITTED HEREWITH IS FORM C-108 FOR YOUR
CONSIDERATION.

YOURS VERY TRULY,


J. E. HASELOFF

Talk w/ Jerry on 6-3-82
no prob. w/in 1/2 mile $\Rightarrow$ ok w/ Hobbs
Application complete *
Approve on 6-16-82

Hobbs comment: probably best location within
general area, NO significant problems with water
in area - approved by Jerry.

Problems:

* 1.) Packer is set to high @ 4600'
4900' would be acceptable.

6-15-82: Talk w/ Haseloff - will set packer @ 4900'
Application complete.

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MAY 28 1982

U.S. HOUSE OF REPRESENTATIVES
HOUSE OFFICE

JUN 01 1982

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no SANTA FE
- II. Operator: J. E. HASELOFF AND EIDSON RANCH, INC.
Address: BOX 249, LOVINGTON, NEW MEXICO 88260
Contact party: J. E. "PETE" HASELOFF Phone: 396-3115
- 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 _____.
- 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: J. E. HASELOFF Title: PARTNER
Signature: [Signature] Date: 28 MAY 1982
- * 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. NONE

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.

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OIL
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DIVISION

J. E. HASELOFF AND EIDSON RANCH, INC.
Box 249
LOVINGTON, NEW MEXICO 88260

DATA AND ATTACHMENTS FOR FORM C-108

- III. A. (1) SEE FORM 102
(2) SEE FORM 103
(3) TUBING - 4600' 2-7/8" J-55 GRADE PLASTIC COATED
(INTERNAL)
(4) PACKER - BAKER MODEL AD-1 - NICKEL PLATED TENSION
PACKER SET AT 4600' - *to high*
- B. (1) INJECTION FORMATION: SAN ANDRES (FIELD & POOL-N/A)
(2) INJECTION INTERVAL: 4990' TO 6170'-TOTAL OPEN
HOLE 1180' (SEE SCHEMATIC)
(3) WELL DRILLED TO TEST FOR MORROW PRODUCTION
(4) NO PERFORATED INTERVALS
(5) NEXT HIGHER AND LOWER OIL & GAS ZONES:
ABOVE - QUEEN 4500' - BELOW - ABO 9100'
- V. SEE ATTACHED MAP
- VI. SEE ATTACHED MAP - NO WELLS PRESENT IN AREA OF
REVIEW
- VII. (1) AVERAGE - MINIMUM 25 BBLs PER HR AT 600 BBLs PER DAY
MAXIMUM 250 " " " "1200 " " "
(2) OPEN SYSTEM (SEE ATTACHED PLAT OF SYSTEM)
(3) INJECTION PRESSURE: AVERAGE 800# - MAXIMUM 1200#
(4) SEE ATTACHED WATER ANALYSIS
(5) SEE ATTACHED WATER ANALYSIS
- VIII. INJECTION ZONE - SAN ANDRES - TOP AT 4670'-
THICKNESS 1550' - LITHOLOGIC DETAIL - TAN TO BROWN
CRYSTALLINE DOLOMITE WITH INTERCRYSTALLINE POROSITY
- IX. STIMULATION PROCESS - 7000 GAL 15% NE PE ACID
- X. WELL LOGS FILED WITH DIVISION
- XI. NO FRESH WATER WELLS IN THE AREA
- XII. BURTON VETETO, GEOLOGIST, AFFIRMS THAT HE HAS
EXAMINED AVAILABLE GEOLOGIC AND ENGINEERING DATA
AND FIND NO EVIDENCE OF OPEN FAULTS OR ANY OTHER
HYDROLOGIC CONNECTION BETWEEN THE DISPOSAL ZONE
AND UNDERGROUND SOURCE OF DRINKING WATER
- XIII. ATTACHED RECEIPTS OF CERTIFIED LETTERS AND COPY
OF ADVERTISEMENT

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INVESTIGATIVE
DIVISION

MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

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

Operator Amoco Production Co.		Lease State "HO" Comm		Well No. 1
Unit Letter K	Section 19	Township 16 South	Range 35 East	County Lea
Actual Footage Location of Well: 2310 feet from the South line and 1942 feet from the West line				
Ground Level Elev. 4032.7	Producing Formation Morrow	Pool Wildcat Morrow	Dedicated Acreage 320	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 Communitization

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.

Union Oil of Calif.	Working Interest
B-10029	Amoco Prod. Co. 40.1214%
Royalty: State of NM	Mobil Oil Corp. 29.9243
	Elk Oil Co. 10.0303
	Getty Oil Co. 10.0303
	Union Oil 9.8937
	100.0000%

1942' Gulf Oil Co. LG-1472 Royalty: State of NM. 2310'	
---	--

CERTIFICATION

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

Name Benton Greer
Position Assist. Admin. Analyst
Company Amoco Production Company
Date 10-29-80

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 10-18-80
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Edison 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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G.S.D.
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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OPERATOR	

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5b. Indicate Type of Lease
State ☒ Fee ☐
5c. State Oil & Gas Lease No.
LG-472

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

OIL WELL ☐ GAS WELL ☒ OTHER-

Name of Operator

Amoco Production Company

Address of Operator

P. O. Box 68 Hobbs, NM 88240

Location of Well

UNIT LETTER K 2310 FEET FROM THE South LINE AND 1942 FEET FROM
THE West LINE, SECTION 19 TOWNSHIP 16-S RANGE 35-E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

State H0

9. Well No.

1

10. Field and Pool, or WHdcat

Wildcat Morrow

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

4032.7' GL

12. County

Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

REEL OR ALTER CASING ☐

CHANGE PLANS ☐

OTHER Permit extension ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

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

Request 90-day extension of permit to drill.

0+4-NMOCD, H

1-Hou

1-Susp

1-GLF

1-W. Stafford, Hou

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

SIGNED Gerald L. Poole

TITLE Admin. Analyst

DATE 1-22-81

Orig. Signed By

Jerry Sandoz

DATE 1-22-81

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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C.A.C.
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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
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5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
LG-1472

JUN 01 1982

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

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator
Amoco Production Company
Address of Operator
P. O. Box 68, Hobbs, NM 88240

7. Unit Agreement Name
DIVISION

8. Farm or Lease Name
State HO Com.

9. Well No.
1

Location of Well
UNIT LETTER K 2310 FEET FROM THE South LINE AND 1942 FEET FROM
THE West LINE, SECTION 19 TOWNSHIP 16-S RANGE 35-E NMPM.

10. Field and Pool, or Wildcat
Wildcat Morrow

15. Elevation (Show whether DF, RT, GR, etc.)
4032.7' GL

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 ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

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.

On 7-16-81, Warton Drilling Co. (Rig #3) spudded a 17-1/2" hole and drilled to a TD of 425'. Ran 13-3/8" 48# H-40 casing and set at 425'. Cemented with 425 sacks Class C with 1% CACL. WOC 18 hrs. Plug down 11:30 p.m. 7-16-81. Circ. 165 sacks. Tested casing to 1000 psi for 30 min. and OK. Reduced hole to 12-1/4" and resumed drilling.

0+4-NMOCD, H 1-Hou 1-Susp 1-W. Stafford, Hou 1-GPM
1-Union Oil, Midland 1-Elk Oil Co., Roswell

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

Signed by Greg Mitchell TITLE Admin. Analyst DATE 7-29-81
Approved by Jerry Seibert TITLE Dist. L. Analyst DATE JUL 8 1981
CONDITIONS OF APPROVAL: None

REC-100

MAY 26 1942

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form O-103
Rev. 1-1-77

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Sub Indicate Type of Lease
☒ State ☐ Fed
 5. State Oil & Gas Lease No.
 LG-1472

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL
WELL ☐

GAS
WELL ☒

OTHER

Name of Operator

Amoco Production Company

Address of Operator

P. O. Box 68, Hobbs, NM 88240

Location of Well

UNIT LETTER K 2310 FEET FROM THE South LINE AND 1942 FEET FROM
 THE West LINE, SECTION 19 TOWNSHIP 16-S RANGE 35-E NMPM.

7. Oil Agreement Name

8. Form or Lease Name

State HO Com.

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat Morrow

11. Elevation (Show whether OF, RT, CR, etc.)

4032.7' GL

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 OPER. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☒

OTHER ☐

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

Drilled to a TD of 5000'. Ran 5000' of 9-5/8" 40 N-80 LT&C casing and set at 5000'.
 Cemented with 2225 sacks Lite with 12#/SX salt, 5#/SX D-42 Kolite, 1/4#/SX D-29
 Cellophane flakes, and .3% D-108. Tailed in with 200 sacks Class C with 1% CACL.
 Plug down 12:05 p.m. 8-2-81. WOC 18 hrs. Circulated 980 sacks. Tested casing to
 1500 psi for 30 min. and OK. Reduced hole to 8-3/4" and resumed drilling.

0+4-NMOCD, H 1-Hou 1-Susp 1-W. Stafford, Hou 1-GPM 1-Union Oil
 1-Elk Oil, Roswerll 1-Getty, Midland 1-Mobil, Hou

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

SIGNED Greg Mitchell TITLE Admin. Analyst DATE 8-11-81

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

11/12/82
JUN 01 1982

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	LG-1472

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-	7. Unit Agreement Name
2. Name of Operator Amoco Production Company	8. Farm or Lease Name State HO Com.
3. Address of Operator P. O. Box 68, Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER <u>K</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1942</u> FEET FROM THE <u>West</u> LINE, SECTION <u>19</u> TOWNSHIP <u>16-S</u> RANGE <u>35-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 4032.7' GL	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 ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER <u>Extension for TD</u> ☒	CASING TEST AND CEMENT JOB ☐	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.

Request permission to extend TD from 13100' to 13400'. (Verbal approval Jerry Sexton, 8-31-81.)

0+4-NMOCD, H 1-Hou 1-Susp 1-W. Stafford, Hou 1-GPM

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

SIGNED Greg Mitchell TITLE Admin. Analyst DATE 8-31-81

APPROVED BY [Signature] TITLE DATE SEP 1 1981

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NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES

1/31/81

JUN 01 1982

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒

FEE ☐

5. State Oil & Gas Lease No.

LG-1472

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		8. Farm or Lease Name	
DEEPEN ☐ PLUG BACK ☐		State HO Com.	
2. Name of Operator Amoco Production Company		9. Well No. 1	
3. Address of Operator P. O. Box 68 Hobbs, NM 88240		10. Field and Pool, if Wildcat Wildcat Morrow	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1942</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>16-S</u> RGE. <u>35-E</u> NMPM		17. County Lea	
19. Proposed Depth 13100'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 4032.7' GL	
21A. Kind & Status Plug. Bond Blanket-on-file		21B. Drilling Contractor NA	
22. Approx. Date Work will start 11-3-80			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	400'	Circ.	Surf.
12-1/4"	9-5/8"	40#	5200'	Circ.	Surf.
8-3/4"	5-1/2"	17#, 20#, or 23#	13100'	Tie back to 9-5/8"	BTM of 9-5/8"

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0'-400' Native mud and fresh water
400'-5200' Native mud and brine
5200'-TD Commercial mud and brine with minimum properties for safe hole conditions. Raise viscosity and reduce water loss prior to Morrow penetration.

BOP Program Attached
Gas is not dedicated.

0+7-NMOCD, H 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou 1-Mobil

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 Benton Green Title Assist. Admin. Analyst Date 10-29-80

(This space for State Use)

APPROVED BY Leslie A. Clement TITLE Oil and Gas Director DATE 10-29-80

CONDITIONS OF APPROVAL, IF ANY:

& Confirm tie back by Temp. Survey.

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1

JUN 01 1982

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

LG - 1472

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 ☐ GAS ☐ OTHER- P&A	7. Unit Agreement Name
2. Name of Operator Amoco Production Company	8. Farm or Lease Name State HO Com
3. Address of Operator P.O. Box 68 Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER K 2310 FEET FROM THE South LINE AND 1942 FEET FROM THE West LINE, SECTION 19 TOWNSHIP 16-S RANGE 35-F NMPM.	10. Field and Pool, or Wildcat Wildcat Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 4032.7' GL	12. County Lea

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 JOBS ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

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 1503.

Propose to P & A

Spot 100' plug 12425-12525 with 40SX Class H cement.

Spot 100' plug 11770-11870 with 40SX Class 'H' cement.

Spot 100' plug 10680-10780 with 40SX Class 'H' cement.

Spot 100' plug 9740- 9840 with 40SX Class 'H' cement.

Spot 100' plug 6170- 6270 with 40SX Class 'H' cement.

Spot 100' plug 50' in and 50' out of intermediate casing set at 4980 with 40SX Class 'H' cement.

Spot 100' plug 100' plug inside intermediate casing from 1865'-1965' with 40SX Class 'H' cement.

Spot 10 SX cement at surface. Erect a P&A marker.

(Verbal approval Jerry Sexton)

0 + 4 NMOCD,H 1-Hou 1-W.Stafford, Hou 1-GPM 1-Susp

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

SIGNED

TITLE

Admin. Analyst

DATE 9-4-81

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 28 1932

C.L.D.
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-77

Handwritten: JUN 01 1982
Stamp: JUN 01 1982
Handwritten: SANTA FE

3a. Indicate Type of Lease
State ☒ ☐ For ☐
5. State Oil & Gas Lease No.
LG 1472

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

OIL WELL ☐ GAS WELL ☐ OTHER ☒ PxA
Name of Operator
Amoco Production Company
Address of Operator
P. O. Box 68 Hobbs, NM 88240
Location of Well
UNIT LETTER K 2310 FEET FROM THE South LINE AND 1942 FEET FROM
THE West LINE, SECTION 19 TOWNSHIP 16-S RANGE 35-E NMPM.

7. Unit Agreement Name
8. Farm or Lease Name
State Ho Com
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat Morrow

15. Elevation (Show whether DF, RT, GR, etc.)
4032.7' GL

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 ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
CALL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

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

PxA by spot cementing with 100' plugs at the following intervals:

- 12425-12525 with 40 sacks of class H
- 11770-11870 with 40 sacks of class H
- 10680-10780 with 40 sacks of class H
- 9740- 9840 with 40 sacks of class H
- 6170- 6270 with 40 sacks of class H

Spotted 100' plug 50' in (4930) and 50' out (5030) of intermediate casing set at 4980.

Spotted 100' plug 100' inside intermediate casing from 1865'-1965'.

Spotted 10 sacks of cement at surface

Erected PxA marker. Location to be cleaned and leveled.

0+4 NMOCD, H 1-Hou 1-W. Stafford, Hou 1-GPM 1-Susp

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

SIGNED Mark Randolph TITLE Assist. Admin. Analyst DATE September 15, 1982

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

RECEIVED

MAY 28 1982

O. J.
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-105
Revised 10-1-78

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OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
LG 1472

10. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☒ PxA
11. TYPE OF COMPLETION
NEW WELL ☐ WDPA OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
State H0 Com
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat Morrow

2. Name of Operator
Amoco Production Company
3. Address of Operator
P. O. Box 68 Hobbs, NM 88240
4. Location of Well

UNIT LETTER K LOCATED 2310 FEET FROM THE South LINE AND 1942 FEET FROM
THE West LINE OF SEC. 19 TWP. 16-S RGE. 35-E NMPM

12. County
Lea

15. Date Spudded 7-16-81 16. Date T.D. Reached 9-11-81 17. Date Compl. (Ready to Prod.) PxA 18. Elevations (DF, RKB, RT, GR, etc.) 4032.7' GL 19. Elev. Casinghead

20. Total Depth 13,185 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-TD Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name PxA 25. Was Directional Survey Made No

26. Type of Core and Other Comp. Neutron Form. Density. Sonic Log, Dual Laterolog Micro-SFL 27. Was Well Cored No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48#	425	17 1/2	425 SX Class C	165 sx
9 5/8	40#	5000	12 1/4	2225 sx Lite, 200 sx Class C	980 sx

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET	

31. Perforation Record (Interval, size and number) PxA
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

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

34. Test Data
Date of Test Hours Tested Gauge Size Prod'n. For Test Period Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio

35. Test Data
Casing Pressure Corrected 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

36. Disposition of Skin (Solid, used for fuel, vented, etc.) Test Witnessed By

37. List of Attachments

38. 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 Mark Randolph TITLE Assist. Admin. Analyst DATE September 15, 1981

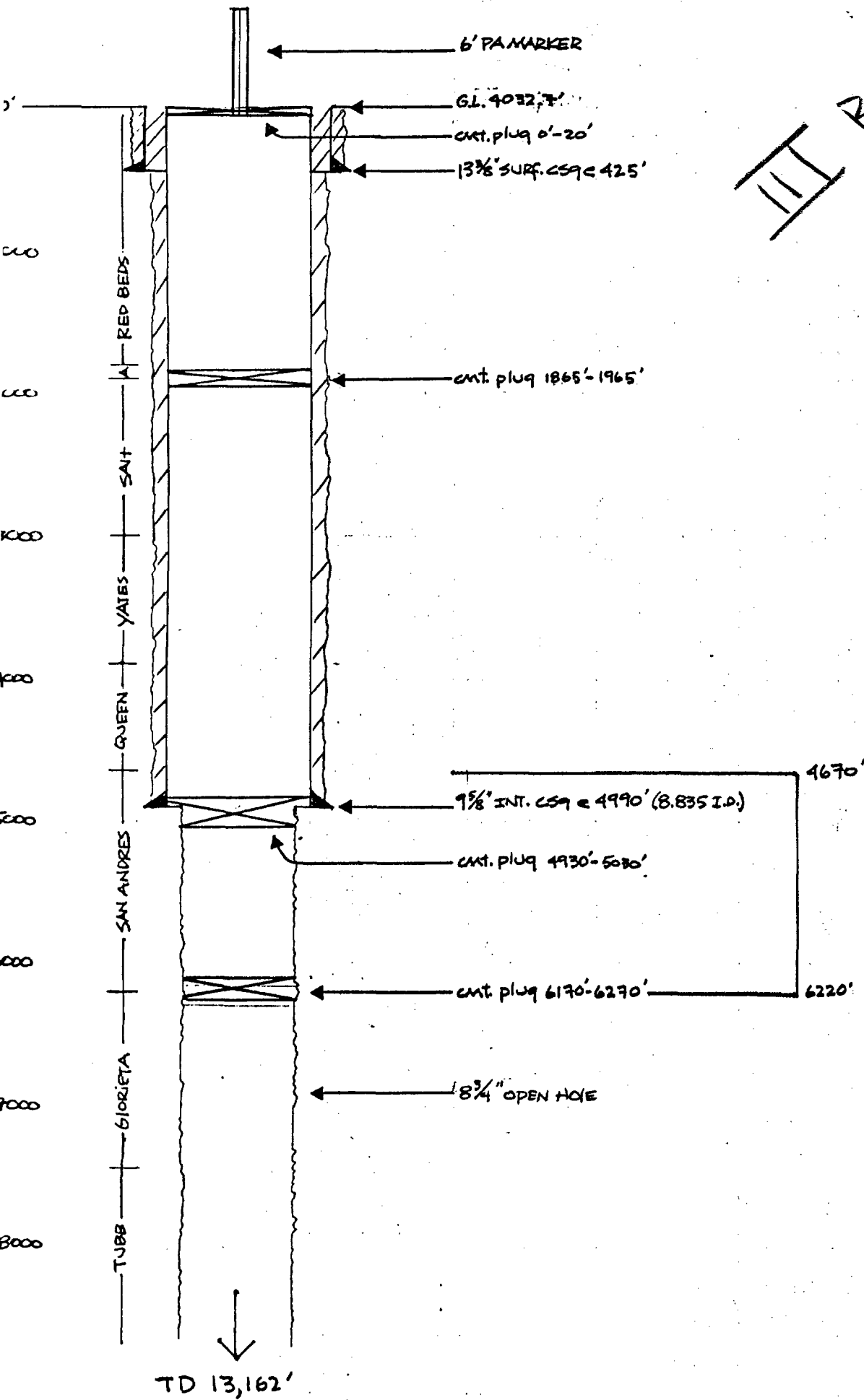
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MAY 16 1982

U.S. DEPT. OF JUSTICE
HONORARY OFFICE

AMOCO STATE HO #1

III B.(2)



ZONE OF INTEREST
'SAN ANDRES'
320' CASED HOLE
1180' OPEN HOLE
1500' TOTAL ZONE

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MAY 28 1982

MC BES CHILE

AMOCO STATE HOTEL

III B(2)

FLUID ENTRY

GROUND LEVEL

6' CELLAR

9 5/8" x 2 3/8" TUBING HEAD

GROUND LEVEL

13 3/8" x 9 5/8" slip type CSQ. HEAD

SALT WATER DISPOSAL WELL
"WORKING SCHEDULE"

13 3/8" SURF CSQ c 425'

PACKER FLUID

2 3/8" TUBING

PACKER c ± 4500'

9 5/8" CSQ c 4990'

SAN ANDRES
DISPOSAL
ZONE

CEMENT plug c 6170'- 6270'

TD

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U.S.
HOUSE OF REPRESENTATIVES

[illegible]

FOR: J. E. HARELSON & LIDFON HANCO, INC
Box 245
LOVINGTON, NEW MEXICO 88130

5000 BBL LINED OPEN
PIT STORAGE CONSTRUCTED
TO COMMISSION SPECIFI-
CATIONS, COMPLETE WITH
EXPLORE DETECTION SYSTEM

STATE H₂O CON LEASE
WELL #1
WILDCAT HORROW
UNIT LETTER K, 2310 FEET FROM THE SOUTH
LINE AND 1942 FEET FROM THE WEST LINE,
SECTION 19, TOWNSHIP 16S RANGE 36E NMDP

TRUCK DISCHARGE LINES

INJECTION PUMP

METERS

WATER WATER OIL

313'0"

SECTION PUMP

500 BBL STEEL TANKS

FENCE - 5 WIRE

GATE

CONCRETE ISLAND

STORAGE BUILDING

CATTLE GUARD

FENCE - 5 WIRE

FENCE - 6 WIRE

12

313'0"

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C. I. O.
HOBBS OFFICE

WATER ANALYSIS RECORD

FIELD: Vaccum
DATA SOURCE: 6a, 1
RESERVOIR: Grayburg-San Andre
TOTAL NO. PROJECTS:

TOTAL SOLIDS (ppm): 160,049.6
NA 57.9
Ca 3,195
Mg 796
Fe 112
SO₄ 2,470
Cl 94,221
CO₂
HCO₃ 700
OH
H₂S

RESISTIVITY:
SPECIFIC GRAVITY:

OTHER WATER QUALITY DATA:

FROM: DEPARTMENT OF ENERGY
TARGET RESERVOIRS FOR CO₂
MISCIBLE FLOODING
TASK TWO: SUMMARY OF AVAILABLE
RESERVOIR AND GEOLOGIC DATA
VOL I PART IV PAGE 248

VII 4 15

P 208 036 034

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		ARMCO P&L CO	
STREET AND NO.		Box 68	
P.O., STATE AND ZIP CODE		Hobbs, NM	
POSTAGE		\$ 2.00	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$ 2.00
		SPECIAL DELIVERY	\$ 0.00
		RESTRICTED DELIVERY	\$ 0.00
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	\$ 0.00
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$ 0.00
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$ 0.00
TOTAL POSTAGE AND FEES		\$ 2.00	
POSTMARK OR DATE		APR 1976	

PS Form 3800, Apr. 1976

P 208 036 033

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NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		GULF OIL CORP	
STREET AND NO.		Box 620	
P.O., STATE AND ZIP CODE		Hobbs, NM	
POSTAGE		\$ 2.00	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$ 2.00
		SPECIAL DELIVERY	\$ 0.00
		RESTRICTED DELIVERY	\$ 0.00
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	\$ 0.00
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$ 0.00
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$ 0.00
TOTAL POSTAGE AND FEES		\$ 2.00	
POSTMARK OR DATE		APR 1976	

PS Form 3800, Apr. 1976

P 208 036 032

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SENT TO		GULF OIL CO	
STREET AND NO.		Box 730	
P.O., STATE AND ZIP CODE		Hobbs, NM	
POSTAGE		\$ 2.00	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$ 2.00
		SPECIAL DELIVERY	\$ 0.00
		RESTRICTED DELIVERY	\$ 0.00
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	\$ 0.00
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$ 0.00
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$ 0.00
TOTAL POSTAGE AND FEES		\$ 2.00	
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P 208 036 029

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SENT TO		FLK OIL CO	
STREET AND NO.		Box 310	
P.O., STATE AND ZIP CODE		Hobbs, NM	
POSTAGE		\$ 2.00	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$ 2.00
		SPECIAL DELIVERY	\$ 0.00
		RESTRICTED DELIVERY	\$ 0.00
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	\$ 0.00
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$ 0.00
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$ 0.00
TOTAL POSTAGE AND FEES		\$ 2.00	
POSTMARK OR DATE		APR 1976	

PS Form 3800, Apr. 1976

P 208 036 030

RECEIPT FOR CERTIFIED MAIL

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SENT TO		GULF OIL CO OF CA	
STREET AND NO.		Box 621	
P.O., STATE AND ZIP CODE		Midland, TX	
POSTAGE		\$ 2.00	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$ 2.00
		SPECIAL DELIVERY	\$ 0.00
		RESTRICTED DELIVERY	\$ 0.00
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	\$ 0.00
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$ 0.00
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$ 0.00
TOTAL POSTAGE AND FEES		\$ 2.00	
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P 208 036 031

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(See Reverse)

SENT TO		HALL JERRY DOT CO	
STREET AND NO.		Box 1140 DULIN	
P.O., STATE AND ZIP CODE		Midland, TX	
POSTAGE		\$ 2.00	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$ 2.00
		SPECIAL DELIVERY	\$ 0.00
		RESTRICTED DELIVERY	\$ 0.00
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	\$ 0.00
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$ 0.00
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$ 0.00
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HOBBS OFFICE

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

1, _____

ROBERT L. NAEGELE

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

ONE weeks.

Beginning with the issue dated

MAY 27, 1982

and ending with the issue dated

MAY 27, 1982

Robert L. Summers
Publisher.

Sworn and subscribed to before

me this 27TH day of

MAY, 1982

Lyette Naegel
Notary Public.

My Commission expires _____

March 29, 1986

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
MAY 1982
APPLICATION OF J.E. HASELOFF & EDISON RANCH, INC. FOR PROPOSED DISPOSAL WELL. PROPOSED DISPOSAL WELL - UNIT LETTER "K" 3310 FEET FROM THE SOUTH LINE AND 1042 FEET FROM THE WEST LINE, SECTION 11, TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM. FORMATION NAME: SAN ANDRES FOR 4990' to 6170'. INJECTION RATE TO BE 2 BBLs PER MINUTE 1200 PRESSURE. INTERESTED PARTIES MUST FILE OBJECTIONS OR REQUEST FOR HEARING WITH OIL CONSERVATION DIVISION, P.O. BOX 2088, SANTA FE, NEW MEXICO 87501 WITHIN 15 DAYS.

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MAY 26 1982

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HQS. 100-100000