



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

10/8/96

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

R-9885-A

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX X _____
PMX _____

Gentlemen:

I have examined the application for the:

Seely Oil Co Central EK Queen Lt #803-A 18-18s-34e
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

SEELY OIL COMPANY
815 WEST TENTH STREET
FORT WORTH, TEXAS 76102

September 30, 1996

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241-1980

Re: Central EK Queen Unit
E-K Yates Seven Rivers Queen Field
Lea County, New Mexico
Proposed Water Injection Well
Tract 8 Well No. 3
1270' FNL and 50' FEL
Section 18, T18S, R34E, NMPM

Attention: Mr. Jerry Sexton
District Supervisor

Gentlemen:

Seely Oil Company, Operator of the Central EK Queen Unit (CEKQU), E-K Yates Seven Rivers Queen Field, Lea County, New Mexico is in the process of developing the Queen sand under the CEKQU for water flood. Part of this development is the proposed drilling of a water injection well, Tract 8 Well No. 3, at a location 1270' FNL and 50' FEL of Section 18, T18S, R34E, NMPM - Unit A.

This unorthodox location for a water injection well was approved under New Mexico Oil Conservation Division Order No. R-9885-A. This order requires that, prior to the commencement of water injection into the Queen sand at this proposed location, the plugged and abandoned The Ohio Oil Company State EKA Well No. 5 located 1980' FNL and 660' FWL of Section 17, T18S, R34E and the plugged and abandoned Santa Fe Exploration Company Lee Ranch Well No. 1 located 1650' FSL and 660' FEL Section 18, T18S, R34E be either (1) re-entered and re-plugged or (2) be shown to have been previously plugged and abandoned in such a manner that ensures no avenue of escape for waters from the proposed injection interval.

Per Seely Oil Company's request of November 2, 1994, you concurred that The Ohio Oil Company State EKA Well No. 5 was and is properly plugged and abandoned to meet the above stated water injection requirements.

State of New Mexico Oil Conservation Division
CEKQU Tract 8 Well No. 3
September 30, 1996

Page No. 2

Seely Oil Company is submitting herewith the plugging record for the Santa Fe Exploration Company Lee Ranch Well No. 1 that was drilled, plugged and abandoned as a Queen sand dry hole during 1985. A log showing the position of the cement plug across the Queen sand interval in this well is also submitted herewith.

It is Seely Oil Company's opinion that (1) this well has no permeability in the Queen sand interval that correlates with the proposed water injection interval in the proposed CEKQU Tract 8 Well No. 3 and (2) the cement plug across this interval will contain any injection fluids in the event that there is any permeability.

Seely Oil Company hereby requests your agreement that the Santa Fe Exploration Company Lee Ranch Well No. 1 has been previously plugged and abandoned in a manner that satisfies the requirements of New Mexico Oil Conservation Division Order No. R-9885-A.

Your consideration and approval of this request is needed so that we may proceed with the drilling of CEKQU Tract 8 Well No. 3 as a Queen sand water injection well.

Should you wish to discuss, please contact C. W. Stumhoffer through Seely Oil Company at 817/332-1377 or at my office telephone 817/923-2016. Thank you.

Very truly yours,

SEELY OIL COMPANY



C. W. Stumhoffer

CWS

Enclosure: Santa Fe Exploration Company
Plugging Record and Log
Lee Ranch Well No. 1

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

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

Form C-103
Revised 10-

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

LG-1125

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL ☒

GAS WELL ☐

OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

Lee Ranch

9. Well No.

#1

10. Field and Pool, or Wildcat

E-K Queen

12. County

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

4068.1 G.L.

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

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PLUG OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

OTHER ☐

REMEDIAL WORK ☐

COMMENCE DRILLING OPS. ☐

CASING TEST AND CEMENT JOB ☐

OTHER ☐

ALTERING CASING

PLUG AND ABANDONMENT

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

9-17-85 TD 4850'. Plug and abandoned well as follows:

- Plug #1 4400-4500', 40 sx Lite Wt 5HE w/2% D-20
- Plug #2 3400-3500', 40 sx Lite Wt 5HE w/2% D-20
- Plug #3 1643-1743', 40 sx Lite Wt 5HE w/2% D-20
- Plug #4 10' at surface w/dry hole marker

Dry hole marker has been set, rathole & cellar has been filled & levelled, pits have been filled & levelled, location levelled & cleared of junk and equipment.

This location is ready for inspection by the Oil Conservation Commission.

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

DATE 4-16-86

TITLE Agent

DATE 4-16-86

APPROVED BY Lyle F. Turnaciff

TITLE OIL & GAS INSPECTOR

DATE MAY 9 - 1986

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO

OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☒ Fee

5. State Oil & Gas Lease No.

LG-1125

7. Unit Agreement Name

8. Farm or Lease Name

Lee Ranch

9. Well No.

#1

10. Field and Pool, or Wildcat

E-K Queen

12. County

Lea

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NO. 3.	
AND OFFICE	
OPERATOR	
PT. OF WELL	

TYPE OF COMPLETION	OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	OTHER
WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER

Name of Operator
Santa Fe Exploration, Inc.

Address of Operator

P. O. Box 1136, Roswell, NM 88202-1136

Location of Well

Section I LOCATED 1650 FEET FROM THE South LINE AND 660 FEET FROMEast LINE OF SEC. 18 TWP. 18S RGE. 34E NMPMDate Spudded 9-7-85 16. Date T.D. Reached 9-15-85 17. Date Compl. (Ready to Prod.) P & A (9-17-85) 18. Elevations (DF, RKB, RT, GR, etc.) 4068.1 GL 19. Elev. CasingheadTotal Depth 4850' 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By X Rotary Tools Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name

25. Was Directional Made

Type Electric and Other Logs Run

Comp. Densilog Comp. Neutron GR, DLL-GR, & Prolog

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 PULL
8-5/8"	24#	1693'	12 1/4"	600 sx Lite + 100 SX w/2% CaCl	200 sx

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

Perforation Record (Interval, size and number)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

PRODUCTION

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

Time of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flowing Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

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

Test Witnessed By

List of Attachments

Logs (as listed above) & Deviation Survey

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 [Signature] TITLE Production Clerk DATE 10/01/85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 radio-activity 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 on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
H. Salt _____	T. Aloka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3150'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3350'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4440'	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	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 _____ to _____	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
0	1850'	1850'	Redbed				
1850'	3080'	1230'	Salt				
3080'	4443'	1363'	Anhydrite				
4443'	4850'	407'	Sand & Anhydrite				

RECEIVED
OCT - 7 1985
O.C.D.
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OCT 1985

SANTA FE EXPLORATION COMPANY
LEE RANCH WELL NO. 1
1650' FSL AND 660' FEL
SECTION 18, T18S, R34E
LEA COUNTY, NEW MEXICO

PLUGGED AND ABANDONED 09/17/85
AS DRY HOLE E-K YATES-SR-QUEEN FIELD

GAMMA
RAY

TOP OF
QUEEN SAND

40-SACK CEMENT PLUG IN
OPEN HOLE 4400'-4500'

DENSITY
POROSITY

CORRELATIVE LOCATION
OF OIL PRODUCTIVE
ZONE IN QUEEN SAND
UNITIZED FORMATION

04400

04500

Received
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