Now Mexico Old Control of the Contro 1625 in Process for a Maisson 705, 100 in the

Form 3160-3				1		
(August 1999)	FORM APPROVED OMB No. 1004-0136					
UNITED STATES DEPARTMENT OF THE I	5. Lease Serial No. LC-063645					
BUREAU OF LAND MANA APPLICATION FOR PERMIT TO D	6. If Indian, Allottee					
ALL EIGHTON TONY ETHINT TO D	MILL ON	neen i en				
la. Type of Work: DRILL REENTE	7. If Unit or CA Agreement, Name and No. E-K Queen Unit Tract #2					
Ib. Type of Well: Oil Well Gas Well Other		Single Zone 🔲 Muli	iple Zone	8. Lease Name and W	ell No.	
2. Name of Operator Seely Oil Company				9. API Well No.	6	
3a. Address	3b. Phone N	lo. (include area code)		10. Field and Pool, or E	xploratory	
815 W. 10TH Ft. Worth, TX 76102	(81	7) 332-137	7		River, Queen	
4. Location of Well (Report location clearly and in accordance with	any State requ			11. Sec., T., R., M., or I		
At surface 1980' FSL & 660	' FEL	T				
At proposed prod. zone Same				Sec. 13-T18S-R33E		
14. Distance in miles and direction from nearest town or post office* 28 Miles NW of Hobbs, NM				12. County or Parish. Lea	NM	
15. Distance from proposed* location to nearest	16. No. of	Acres in lease	17. Spacing	Unit dedicated to this w		
property or lease line, ft. (Also to nearest drig. unit line, if any)	1	074.69		40		
18. Distance from proposed location*	19. Proposed Depth 20. BLM/E			BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. 1320'	4	600′		NM-1816		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work will sta	rt*	23. Estimated duration		
3978' GL	0	3/01/2000	<del></del>	3 weeks	····	
		chments -		المنافق المستويد المنافق المنا والمنافقة المستويد المنافق الم	LEE CASIN	
The following, completed in accordance with the requirements of Onshor	e Oil and Gas	Order No.1, shall be at	ached to this	form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the	Item 20 above). 5. Operator certific	ation. specific info	s unless covered by an e rmation and/or plans as		
25. Signature & Smith		(Printed/Typed) eorge R. St	nith	1,	Palc 11/09/99	
Agent for: Seely Oil Com	pany		· · · · · · · · · · · · · · · · · · ·			
Approved by (Signature) /S/LARRY D. BRAY	Name	Name (Printed/Typed) Assistant Field Office Manager			MEC 2 8 1999	
Title	Offic	RFD	linerals -	· · · · · · · · · · · · · · · · · · ·		
Application approval does not warrant or certify the the applicant holds le operations thereon.  Conditions of approval, if any, are attached.	gal or equitab	le title to those rights in	the subject le	ease which would entitle	he applicant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for an	ny person knowingly and its jurisdiction.	d willfully to	make to any department	or agency of the United	
*(Instructions on reverse)		A DDD OVAL			202 30494	

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APPHOVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED



# NEW MEXICO OIL CONSERVATION COMMIS

		v	Vell Location as	nd/or Gas Prora		orm C-128
		y Oil Company			Date	May 7, 1956
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No.	<u>.</u>	Section	13 Tox	wnship <u>. 18 Şo</u>	outh Range 33	East NMPM
ated_	- <b>78</b> 0'	Feet Fr	om · South	Line, 660	Feet From	East Line
	Le.		County, New	Mexico. G. L	. Elevation	
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OPER	ATOR CI	ERTIFICATION	No	This is to	certify that the a	bove plat was
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Signatur		mith, agent for		Date Surve	yed 6-28-	55
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Seery	Oil Co	·		Land Surve		

Nai

Rep

Title

Date

11/11/99

# APPLICATION FOR DRILLING SEELY OIL CO.

Re-entry of:

E-K Queen Unit Tract No. 1, Well No. 6 1980' FSL & 660' FEL, Sec. 13-T18S-R33E

> Lea County, New Mexico Lease No.: LC-063645 (Development Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Seely Oil Co. submits the following items of pertinent information in accordance with BLM requirements:

- 1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.
- 2. The estimated tops of geologic markers are as follows:

Rustler	1,730'
Top of Salt	2,920'
Base of Salt	3,130'
Yates	3,260'
Queen	4,350'
T. D.	4,600'

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Surface water in the Triassic between 80' - 230'. (Behind existing casing.)

Oil: Possible in the Yates below 3320', Seven Rivers below 3,590', Queen below 4,380'

Gas: None expected.

4. Proposed Casing Program:

HOLE SIZE	CASING SIZE	WEIGHT	GRADE	JOINT S	ETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8 "	24.0#	J-55	ST&C	301'	Casing and 200 sx cement in existing hole
7 7/8"	5 1/2"	15.5#	J-55	ST&C	4600'	Circ. 1000 sx +/- of HL, C, and Pozmix

5. Proposed Control Equipment: See Exhibit "E":

#### BOP Program:.

A 10" 3000 psi wp Cameron Space Saver, double ram BOP, will be installed on the 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi system and will be tested daily.

6.	Mud Program:.		MUD WEIGHT	VIS.	W/L CONTROL
	315' - 1750':	Fresh water mud	9.3 ppg	33	No W/L control
	1750' - 4400':	Brine mud:	10.0 ppg	32	No W/L control
	4400' - 4600':	Brine mud:	8.8 ppg	32	W/L control 15 cc+/-

- 7. Auxiliary Equipment: Blowout Preventer, gas detector, Kelly cock, pit level monitor, flow sensors and stabbing valve.
- 8. Testing, Logging, and Coring Program:

Drill Stem Tests: None unless warranted.

Logging: T.D. to 315': G/R-Density Neutron, Dual Induction Log

Coring: None planned unless warranted in the Queen.

## Seely Oil company

E-K Queen Unit Tract 1, Well No. 6 Page 2

- 9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the mud weight. Estimated BHP = 1880 psi (evac. hole) with temperature of 107%.
- 10. H<sub>2</sub>S: None expected. None in previously drilled wells.
- 11. Anticipated starting date: March 1, 2000.
  Anticipated completion of drilling operations: Approx. 3 weeks.

# EXHIBIT APD "A" SEELY OIL COMPANY

E-K Queen Unit Tract No. 1, Well No. 6

# Re-entry

1980' FSL & 660' FEL, Sec. 13 T18S-R33E Spud Date: May 11, 1956 Plug Date: May 21, 1956

PLUGGING	EXISTING CASING AND PLUGS	BIT	CASING.	DEPTH	CEMENT
15 sx @ surface		11"	8 5/8"	301'	200 sx
	E Received 1				
	}				
	A D W	7 7/8"	None	4,405'	
20' sx cement @ 1950'					
20 sx cement @		·	ę ·		
3000'	6/07 pl 13 pm = 5 2 2 3				
20 sx cement @ 4350'	MATTER SECTION				
				·	
			·		

#### MULTI POINT SURFACE USE AND OPERATIONS PLAN

#### SEELY OIL CO.

Re-entry of:
E-K Queen Unit Tract 1, Well No. 6
1980' FSL & 660' FEL, Sec. 13-T18S-R33E
Lea County, New Mexico
Lease No.: LC-063645
(Development Well)

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, to be followed in rehabilitating the surface environmental effects associated with the operations.

#### 1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a USGS/BLM Topo map showing the location of the proposed re-entry of the P & A well as staked. The well site location is approximately 50 road miles southeast of Artesia, New Mexico or 27 road miles northwest of Hobbs, NM. Traveling east from Artesia there will be approximately 50 miles of paved highway and .4 mile of gravel oilfield road.
- B. Directions: Travel east from Artesia, NM on U.S. Highway 82 for approximately 34 miles; turn southeast on NM Highway 529 for approximately 16.5 miles. Turn south .8 mile east of MM 16 at a cattle guard onto a county road with Oryx and Baber signs. Continue southwest for 800 feet, then south for approximately 1200 feet to an old access road to a P & A well marker 660 feet to the west side of the existing road.. The dry hole marker is the location of the proposed re -entry well site of the E-K Queen Unit Tract #1, Well No. 6.

#### 2. PLANNED ACCESS ROAD:

- A. Length and Width: The existing access road will be repaired and constructed to a width of 12 feet and will be approximately 550 feet in length. The proposed access road is color coded red on Exhibit "A".
- B. Construction: The existing access road will be repaired by grading and topping with compacted caliche and will be properly drained.
- C. Turnouts: None required.
- D. Culverts: None required.
- E. Cuts and Fills: None.
- F. Gates, Cattle guards: None required.
- G. Off Lease R/W: None required.

#### 3. LOCATION OF EXISTING WELLS:

A.. Existing wells within a two mile radius are shown on Exhibit "C".

## SEELY OIL CO. E-K Queen Unit Tract 1, Well No. 6 Page 2

### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES;

- A. There are oil production facilities on the lease and unit at this time.
- B. If the well proves to be commercial, the necessary production facilities, gas production-process equipment and flow line will be installed on the drilling pad. A 2", 125 PSI PVC surface flow line will be run to a tank battery in the NE/4SE/4 Sec. 13-T18S-R33E.

### 5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to drill the proposed well with fresh water that will be obtained from private or commercial sources and will be transported over the existing access roads or by surface fast line.

#### 6. SOURCE OF CONSTRUCTION MATERIALS:

A. Caliche for repairing and surfacing the existing access road and well site pad will be obtained from an approved Federal pit in the SW¼NW¼ of Section 18-T18S-R34E. No surface materials will be disturbed except those necessary for actual grading and leveling of the drill site and access road.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. All pits will be fenced with normal fencing materials to prevent livestock and wildlife from entering the area.
- D. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or a separate disposal application will be submitted to the BLM for approval.
- E. Oil produced during operations will be stored in tanks until sold.
- F. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- G. Trash, waste paper, garbage and junk will be contained in trash bins to prevent scattering and will be removed for deposit in an approved sanitary land fill within 30 days after finishing drilling and/or completion operations.

#### 8. ANCILLARY FACILITIES:

A. None required.

## SEELY OIL CO. E-K Queen Unit Tract 1, Well No. 6 Page 3

#### 9. WELL SITE LAYOUT:

- A. Exhibit "D" shows the relative location and dimensions of the well pad, reserve pits, and major rig components. The old pad and pit area are being upgraded as needed.
- B. Mat Size: 145' X 220', plus 60' X 100' reserve pits. The pits will be on the north.
- C. Cut & Fill: None required.
- D. The surface will be topped with compacted caliche and the reserve pits will be plastic lined.

## 10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in an aesthetically pleasing a condition as possible
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled as soon as they are dry enough to work after abandonment.

#### 11. OTHER INFORMATION:

- A. Topography: The proposed well site and access road is located in the Querecho Plains on the southwest slope of the Mescalero Ridge (Caprock). The location has a southwesterly slope of 1.7% from an elevation of 3978'.
- B. Soil: The topsoil at the well site is a dark brown fine sandy loam of the Pyote and Maljamar Fine Sands Soils Series.
- C. Flora and Fauna: The vegetation cover is a fair grass cover of three-awn, sand and spike dropseed, grama and other miscellaneous native grasses along with plants of mesquite, yucca, fourwing saltbush, sage, broomweed, cacti and miscellaneous weeds and wildflowers. The wildlife consists of rabbits, coyotes, rattlesnakes, lizards, dove, quail and other wildlife typical of the semi-arid desert land.
- D. Ponds and Streams: None in area.
- E. Residences and Other Structures: None, but existing oil field facilities.
- F. Land Use: Cattle grazing.

# SEELY OIL CO. E-K Queen Unit Tract 1, Well No. 6 Page 4

### 11. OTHER INFORMATION;

cont.....

- G.. Surface Ownership: The proposed well site and access road are on Federal surface.
- H. There is no evidence of archaeological, historical or cultural sites on the existing site and access road. Since this is an old site an archaeological survey is being conducted by Archaeological Survey Consultants, P. O. Box D, Roswell, NM 88202, and their report will be submitted to the appropriate government agencies.

#### 12. OPERATOR'S REPRESENTATIVE:

A. The field representative responsible for assuring compliance with the approved surface use and operations plan is as follows:

David Henderson SEELY OIL CO. 815 W. 10th St. Ft. Worth, TX 76102 Office Phone: (817) 332-1377

### 13. CERTIFICATION:

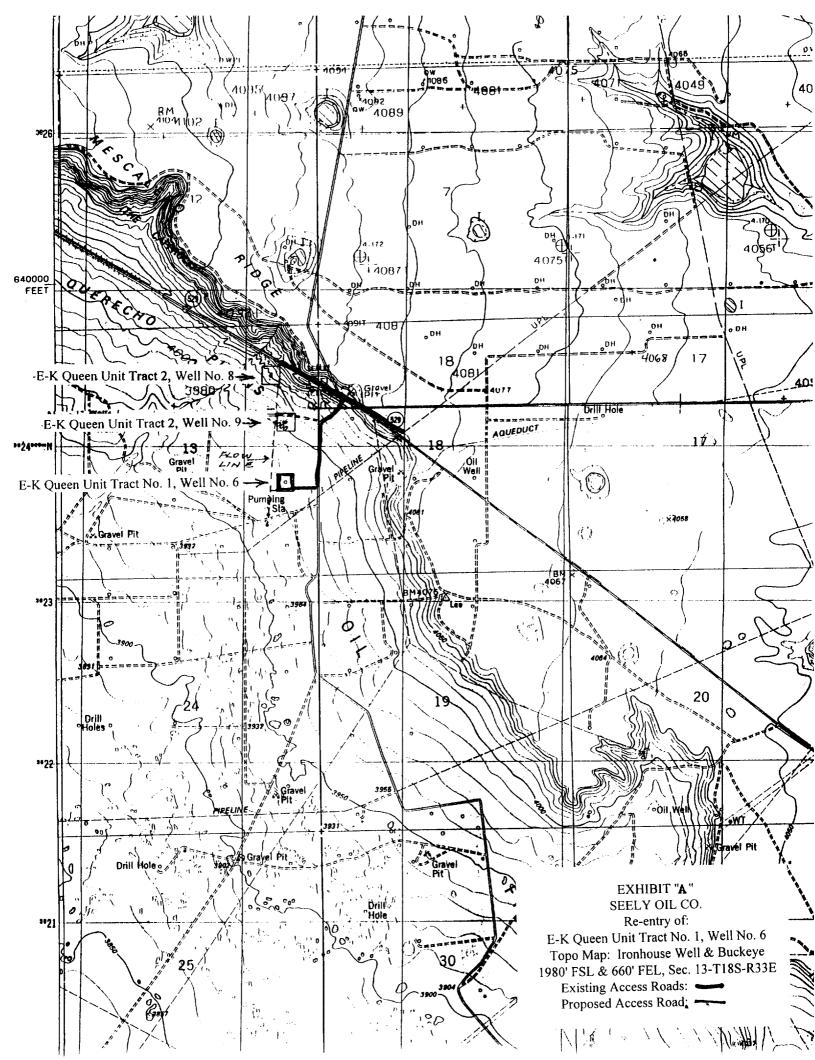
I hereby certify that I have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Seely Oil Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

November 9 1999

George R. Smith

Agent for: Seely Oil Co.

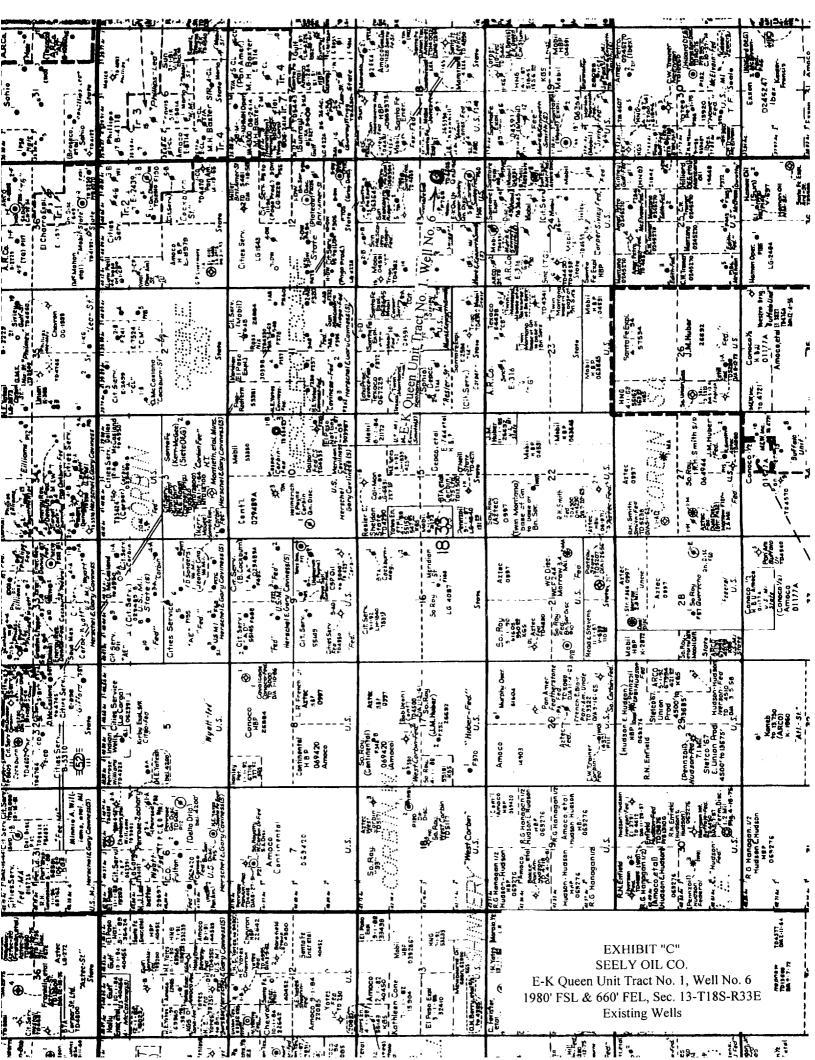








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PLAT FOR PIT LOCATION FOR ARTESIA FISHING TOOL
Rigs #1 & #2; L & M DRILLING #2 and LARUE
DRILLING #2

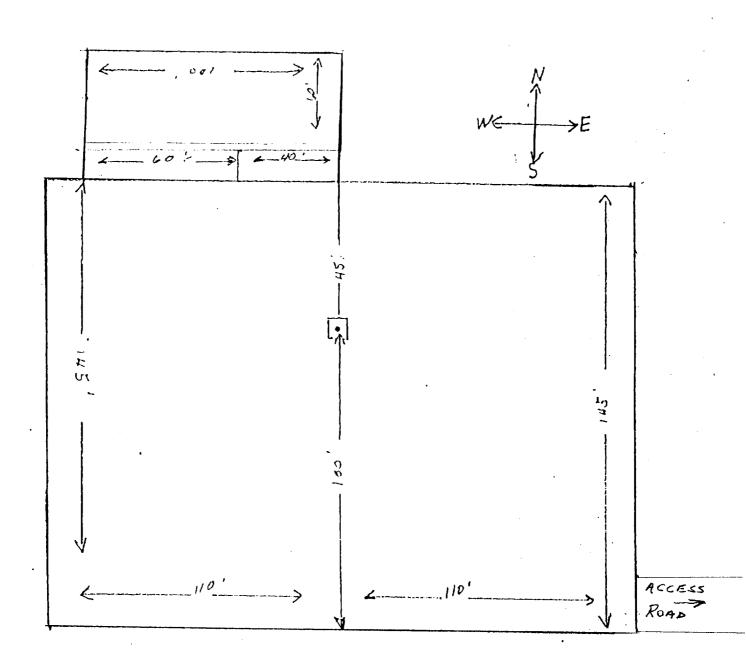


EXHIBIT "D"
SEELY OIL CO.
E-K Queen Unit Tract No. 1, Well No. 6
Pad & Pit Layout

10"/900 Cameron SS Space Saver 3000# Working Pressure 2000# Working Pressure Choke Manifold

NIPPLE LINE YO. LUO KAS SEPARATOR MOOR PIR PREVENTER DRIG CSG. HEAD SH CHOKE WOWILL'S EOMISHENT

EXHIBIT "E"
SEELY OIL CO.
E-K Queen Unit Tract No. 1, Well No. 6
BOP Specifications