### SEELY OIL COMPANY

815 WEST TENTH STREET

FORT WORTH, TEXAS 76102

January 17, 2003

0il Conservation Division New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

> Re; Seely Oil Company Case No. 12983 - Application for Approval of a Unit Agreement E-K Penrose Sand Unit Case No. 12964 - Application for Approval of Waterflood Development E-K Penrose Sand Unit Lea County, New Mexico Supplemental Reservoir Information

Attention: Mr. David Catanach

Gentlemen:

The existence of a gas cap in the hydrocarbon productive Penrose (Lower Queen) sand under the E-K Penrose Sand Unit, E-K Yates-Seven Rivers-Queen Field, Lea County, New Mexico was discovered during the primary development of the E-K Yates-Seven Rivers-Queen Field during the middle 1950s.

The location of this gas cap is shown on Exhibit No. 9, <u>Net Pay</u> <u>Isopach Map of the Penrose (Lower Queen)</u> Sand. This Exhibit was submitted for record during the examiner hearing before the NMOCD on January 9, 2003 seeking approval of the E-K Penrose Sand Unit and the waterflood development thereof.

There were two (2) wells that tested gas from the Penrose (Lower Queen) sand during the primary development of the E-K Yates-Seven Rivers -Queen Field.

These two (2) wells are (1) T. J. Sivley Federal Well No. 7-24 (now E-K Queen Unit Well No. 27) located in the SW/4 of the SE/4 of Section 24-T18S-R33E, NMPM and (2) T. J. Sivley Federal 19 Well No. 2 (now E-K Queen Unit Well No. 22) located in the NE/4 of the SW/4 of Section 19-T18S-R34E, NMPM, Lea County, New Mexico.

#### SEELY OIL COMPANY

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### FORT WORTH, TEXAS 76102

Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department Examiner Hearing Case No. 12983 and Case No. 12964 January 17, 2003

Because of high nitrogen content and very low BTU value, this Penrose (Lower Queen) sand gas was not produced. Both wells were eventually utilized in the waterflood development of the oil productive Upper and Main Queen sands under the E-K Queen Unit.

Attached are BLM Form 9-331a, Sundry Notices and Report on Wells, to support the abandonment of the gas productive Penrose (Lower Queen) sand under these two (2) wells without being produced.

Seely 0il Company plans to inject water into this gas cap to prevent the loss of oil from the oil productive Penrose (Lower Queen) sand when the Penrose reservoir is re-pressured by water injection operations.

The undersigned is available at 817/946-8795 should you have further questions in regard to this proposed waterflood unit.

Very truly yours,

SEELY OIL COMPANY

C. W. Stunkoffer

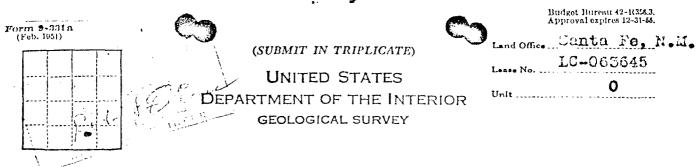
Page No. 2

C. W. Stumhoffer

CWS

Enclosures: BLM Form 9-331s

T. J. Sivley Federal Well No. 7-24 T. J. Sivley Federal 19 Well No. 2



## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	ž
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

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T.J. Sivley- Fede:	ral .	· · · · · · · · · · · · · · · · · · ·			(7
Well No. 7-24 is located	1 990 ft. fr	om_ $\left\{ \begin{array}{c} \mathbf{N}\mathbf{K}\\ \mathbf{S} \end{array} \right\}$ line a	and 1980ft. from	${E \\ W}$ line of sec	24
Su/4 SE/4 24	185	33E	MIPM		
(1/ Hec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
E.X. Queen	Le	8.	No	w Merico	
(Field)	(Cour	ity or Subdivision)	(Ste	te or Territory)	

The elevation of the derrick floor above sea level is 5916 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cem<del>ent-</del> ing points, and all other important proposed work)

This well drilled to a total depth of 4657' on 1/14/58. On that date 4657' of 5-1/2" OD 14% J-55 Shis Casing was run to total depth of 4657' and comented with 200 sacks of next coment. Flug down 9:15 P.

On 1/16/58 Electric Logs were run to top of float Collar at 4836. Cement not drilled out to total depth. The Fenrose pay zone was preforated from 4628-4634' with 4 holes per ft. Propertions are being made to treat the pay zone with 500 Ca. Mud acid, 25,000 Gallon of loase crude and 25,000 Lbs of sand.

素での通 I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced Company Thomas J. Sivley Box 1208 Address ..... Artesia, N.M. Owner-Operator Title PRINTING OFFICE 16-8437-5 ATTACHMENT SEELY OIL COMPANY LETTER DATED JAN. 🚂 2003 12964 AND 12983 MMACH CARE MAS

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Form 9-331a (Feb. 1051)	(SUBMIT IN T	RIPLICATE	Land Office Santa Ro No
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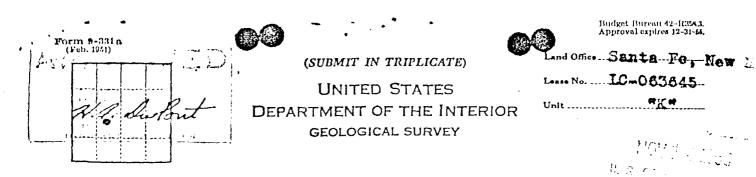
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T.J. Sivley - Well No. 7-24	Federal		URE OF REPORT, NOTICE, OR O	THER DATA) Feb. 4,, 19. from $\begin{bmatrix} E \\ W \end{bmatrix}$ line of sec. 24.
(1/ Sec. and Sec. No.)	183	<b>35E</b> Fwp.) (Ran	ge) (Meridian	
E.K. Qusen	<b>-</b>	Lea Connty		New Mexicon P E
(Field)		(County or Sub	s <u>5915</u> ft. DF	(State or Territory)

# This well, after treating the Penrose Zone from 4628-34 mide a small quantity of gas.

Request is made that I be permitted to temporarily abandon this well pending future possibilities of either deeping or converting to a possible water input welly, if, as and when the pool is water flooded.

5-1/2" OD Casing is set at total depth with 2" Tubing in hole equipped with Tubing Heads, Valves, etc to sarely close in. The location has been cleaned up and well sign on location.

I understand	that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.
Company	Thomas J. Sivley
Address	Box 1208
······	Artesia, New Mexico By A. C. e.
	Title Ounor-Operator.
. <b>.</b>	U. S. COVERNMENT PRINTING OFFICE 10-8437-0



## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING		SUDSEQUENT REPORT OF RE-DRILLING OR REPAIR	Χ.
NOTICE OF INTENTION TO ABANDON WELL.	1		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

T.J. Sivley-Federal	19		November 12, 1	955
Well No. #8 is located	1980 ft	$\frac{1}{1}$ from $\frac{1}{1}$ line a	$\operatorname{and} \mathbb{B}$ ft. from $\mathbb{W}$ line of sec. 19	9
NE ST 19	183	34E	NMPM	
E.K. JUCCD	(Twp.)	(Range)	(Meridian)	
L.A. JUCCI	•	Lea	New Merico	
(Field)	(	County or Subdivision)	(State or Territory)	-

The elevation of the derrick floor above sea level is 3988 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On November 8, 1956 the Penrose Zone from 4678-4696 was perforated with 6 Hole per Ft, 48, Holes. On 11/9/56 the well was treated with 500 gallons of Hud acid and then fractured with 10,000 gallons of Lease crude end 7500# of Sand. Injection rate was 20 bbls per minute at 2800# pressure. The well kicked off after swabbing back 58 bbls of oil, and was flowing back load oil at the rate of about 5 bbls per hour. Apparently most of this zone is gas with a high nitrogen content. Will continue testing the well for a week or ten days before perforating and treating the upper Queen Zone.

I understand that this plan of work must receive appro-	al in writing by the Geological Surve	y before operations may be commenced
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Company Thomas J. Sivley	
Address Box 1208,	
Artesia, New Mexico	By Title Owner
ų. 3. 607ERHMENT	ATTACHMENT

Form 9-3310			Dudget Bureau No. 42-R355.4. Approval expires 12-31-60.
(Feb. 1951)	(SUDMIT L	N TRIPLICATE)	Land Office Santa Fe,
	·	-	Lease No. I.C-063645
		D STATES	<b>K</b>
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NOTICE OF INTENTION TO ABANDON WELL.	i		
(INDICATE ABC	OVE BY CHECK MARK NAT	URE OF REPORT, NOTICE, OR	DTHER DATA)
.J. Sivley - Fed			January 18, 1957
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Citate names of and expected depths to object After treating the Be with 10,000 Gallons o 0.5 Million Gu. Feet Frenheing mage to set the regular upper tue gullons of Lease Crud	DETAILS tive sands; show sizes, w ng points, and all other nroze pay o f lease cru of Gas dail a brid; o p on pay from e and 15,00	OF WORK rights, and lengths of proposite pposite perfor do and 7500; y through open lug to shut of 4432-444, 61 0 Lbs of sand.	before operations may be commenced.
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Citate names of and expected depths to object After treating the Be with 10,000 Gallons o 0.5 Million Gu. Feet Frenheime made to set the regular apper sue gullons of Lease Crud I understand that this plan of work must Company Thomas J. Siv Address Box 1208	DETAILS tive sands; show sizes, w ng points, and all other nroze pay o of lease cru of Gas dail a brid; o p on pay from e and 15,00	OF WORK rights, and lengths of proposite pposite perfor do and 7500; y through open lug to shut of 4432-444, 61 0 Lbs of sand.	before operations may be commenced.