CIL CONSERVATION DIVISION

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ENERGY AND HINERALS DEPARTMENT

Contact party: David L. Henderson

ase 106

Phone: 817/332-1377

APPL	ICATION	FOR	AUTHORIZAT	ION	TO	INJECT
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I.	Purpose: Applica	se: IX Secondary Recovery Pressure Maintenance Dul Constitution place Pressure Pressure Maintenance Dul Constitution place Pressure Maintenance Pressure Maintenance Pressure Pressure Maintenance Dul Constitution place Pressure Pressure Pressure Maintenance Dul Constitution Pressure Pressure Pressure Maintenance Pressure P	
II.	Operator:	Seely Oil Company	
	Andress:	815 W. 10th St., Fort Worth, Tx. 76102	

Well data: Complete the data required on the reverse side of this form for each well III. proposed for injection. Additional sheets may be attached if necessary.

- ___ yes X na IV. Is this an expansion of an existing project? If year, give the Division order number authorizing the project
- 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.
- Attach a tabulation of data on all wells of public record within the area of review whi VI. 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:
 - Proposed average and maximum daily rate and volume of fluids to be injected;

 - Whether the system is open or closed;
 Proposed average and maximum injection Proposed average and maximum injection prassure;
 - 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. /.
- Attach appropriate geological data on the injection zone including appropriate litholog ·vill. 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.
- Υ. Attach appropriate logging and test do with the Division they need not be re-
- Attach a chemical analysis of fresh > XI. available and producing) within one a location of wells and dates samples >
 - XII. Applicants for disposal wells must ma examined available geologic and engir or any other hydrologic connection be source of drinking water.
- XIII. Applicants must complete the "Proof (

THE TENERAL PROPERTY WAS ASSESSED. THE STATE OF THE SERVICE OF THE THE THE THE THE ASSESSED ASSESSED. AND

XIV. Certification

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

	avid L. Henderson	_ Title _	Vice President
Signature:	Navid L. Henderson	Date:	November 23, 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. HELL DATA

- A. The following well data must be submitted for each injection well covered by this applicat. The data must be both in tabular and schematic form and shall include:
 - Lease name; Well No.: location by Section, Township, and Range: and Contage location within the section.
 - (2) Each casing atring used with its size, setting depth, ancks of cement used, hule 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.

- 8. The fillowing 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 show 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 w
 - (4) Give the depths of any other perforated intervals and detail on the sncks of cement of 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 Gil Conservation Division, P. O. Box 2088, Santa Fet New Mexico 87501 within 15 days.

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

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

SEELY OIL COMPANY

815 WEST TENTH STREET FORT WORTH, TEXAS 76102

OIL CONSERVATION DIVISION FORM C-108

Application of Seely Oil Company For a Secondary Recovery Project Central EK Queen Unit Project Lea County, New Mexico

I. Purpose:

Application is made for authorization to inject water into the Queen formation underlying various leases in Sections 7, 8, 9, 17, and 18 of Township 18 South, Range 34 East, Lea County, New Mexico, as shown on the enclosed map. This project would be classified as a secondary recovery project for recovering hydrocarbons that cannot be recovered by primary means.

All the wells in the proposed project area are primary depleted. Our engineering studies indicate that the injection of water into the Queen formation underlying these leases will result in the recovery of secondary oil in economic quantities, and should be beneficial to all parties holding any type of interest in the project area.

II. Operator:

Seely Oil Company 815 W. 10th Street Fort Worth, Texas 76102

Phone Number: (817) 332-1377

III. Injection Well Data:

A well data sheet is attached for each of the wells that we propose for water injection. Three (3) wells are scheduled to be converted to water injection and the locations are as follows:

Section 9-18S-34E Unit Letter L 1980' FSL & 660' FWL $\sqrt{\ }$ Section 9-18S-34E Unit Letter M 660' FSL & 660' FWL $\sqrt{\ }$ Section 7-18S-34E Unit Letter E 2310' FNL & 660' FWL

Schematics are enclosed which show the current construction of these three wells as well as the proposed construction. Two (2) wells are scheduled to be re-entered and returned to water injection and are located as follows:

Schematics are enclosed which show the amount and location of plugs in addition to the proposed construction. Six (6) water injection wells are proposed to be drilled at the following locations:

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Section 17-18S-34E Unit Letter A
Section 18-18S-34E Unit Letter A
Section 17-18S-34E Unit Letter C
Section 8-18S-34E Unit Letter L
Section 7-18S-34E Unit Letter M
Section 7-18S-34E Unit Letter L
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One schematic, titled "Typical Water Injection Well" is enclosed representing the proposed construction of these six (6) wells to be drilled.

IV. Existing Project:

The proposed project is not an expansion of a previous project.

V. Ownership:

A lease ownership map is enclosed which identifies all wells and lease ownership within two (2) miles of any of the eleven (11) proposed injection wells. A separate map is attached on which the area of review has been identified by drawing a one-half mile circle around each injection well.

VI. Well Data:

There are 62 wells that have been drilled through the Queen formation within the area of review. Thirty have been plugged and abandoned and 32 are producing. Available data for each well is enclosed on the well data sheets as well as all necessary schematics for injection wells and plugged and abandoned wells.

VII. Project Data:

- 1. The proposed daily average water injection is estimated to be 200 barrels per day for each of the proposed eleven (11) injection wells.
- 2. All oil and water produced will be separated and stored in covered production tanks and all fresh water used will be stored in a covered steel tank; thus, this is a closed system.
- 3. Initially the injection wells may take water on a vaccum, but as the reservoir fills a positive surface injection presure will be required to inject water. The maximum injection pressure will also be determined by proposed step-rate pressure tests. At no time prior to the step-rate tests will the injection pressure exceed a pressure limitation of 0.2 PSIG per foot of depth to the top of the injection well.
- 4. The source of injection fluid will be produced water from the producing wells within the unit and fresh water from the Ogollala aquifier when a fresh water supply well is drilled and completed within the unit boundary.
- 5. No water compatibility problems are expected since Ogollala water has been successfully injected into the Queen formation in the Murphy H. Baxter North EK Queen Unit and the Mobil EK Queen Unit, and compatability tests were performed on various water samples within this Unit Area.

VIII. Stimulation Program:

Each of the currently producing wells has previously received a fracture treatment which are outlined on the enclosed well data sheets.

The wells that will be converted to water injection may require a small clean-up acid treatment in the amount of about 1,000 to 2,000 gallons prior to injection. Any wells that are drilled for injection will be acidized with a small clean-up acid job and fracture treated with 10,000 to 20,000 gallons and 15,000 to 30,000 lbs. sand.

IX. Injection Zone Isolation:

Available engineering and geologic data show no evidence of open faulting or any other hydrologic connection between the injection zone and any underground source of drinking water.

X. Certification:

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

C. W. Seely, Petroleum Engineer

November 23, 1992

OFFSET OPERATORS

Section 8 Ray Westall Box 4 Loco Hills, N.M. 88255 Amoco Production Company P. O. Box 3092 Houston, Texas 77253 . Attn: Mr. Dan Janik Section 9 Meridian Oil, Inc. 801 Cherry Street, Suite 700 Fort Worth, Texas 76102 JFG Enterprises Box 100 Artesia, N.M. 88211-0100 Collins & Ware Box 2443 Roswell, N.M. 88202-2443 Section 16 Bass Enterprises Production Co. 201 Main Street, Suire 3100 Fort Worth, Texas 76102 Santa Fe Exploration Company P. O. Box 1136 Roswell, N.M. 88202 Mobil Producing Box 633 Midland, Texas 79702 Section 18 Oryx Energy Company Box 1861 Claydesta Plaza 24 Smith Rd. Midland, Texas 79703 Section 12 Oxy USA, Inc. P. O. Box 50250 Midland, Texas 79710 Attn: Mr. Scott Gengler Section 7 Chevron U.S.A. Inc. Permian Basin Production Business Unit P. O. Box 1150 Midland, Texas 79702 Marathon Oil Company

P. O. Box 552

Midland, Texas 79702 Attn: Mr. Tom Hill Section 6

Maralo, Inc. 223 West Wall, 9th Fl. Midland, Texas 79702

SURFACE:

Ray Pearce, Jr. 1717 Jackson Pecos, Texas 79772

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WORKING INTEREST OWNERS

J. Cleo Thompson & James Cleo Thompson, Jr., a Partnership 325 N. St. Paul, Suite 4500 Dallas, Texas 75201-3993

Patricia Dean Boswell, Trustee 1320 Lake Street Fort Worth, Texas 76102 Santa Fe Exploration Company P. O. Box 1136 Roswell, New Mexico 88202

John P. Oil Company 1320 Lake Street Fort Worth, Texas 76102 Armstrong Energy Corp.

C.E.B. Oil Company
1320 Lake Street
Fort Worth, Texas 76102

Judy Harris

E.A.B. Oil Company 1320 Lake Street Fort Worth, Texas 76102 Laurelind Corp.

Frances Buckler

P.V.B. Oil Company 1320 Lake Street Fort Worth, Texas 76102

1809 Aden Rd.
Fort Worth, Tx. 76116

Houston & Emma Hill Trust Estate 500 Throckmorton, Suite 2803 Fort Worth, Texas 76102

Roger W. Moore 8504 Fairway Dr. Fort Worth, Tx. 76116

Express Air Drilling, Inc.
2 Turtle Creek Village, Suite 1525
Dallas, Texas 75219

J. C. Maddux 1012 Ridglea Bank Bldg. Fort Worth, Tx. 76116

Wes-Tex Drilling Company P. O. Box 3739
Abilene, Texas 79604

Thomas J. Maddux 1012 Ridglea Bank Bldg. Fort Worth, Tx. 76116

Northbrook Business Center 506 Fort Worth, Club Bldg. Fort Worth, Texas 76102

Burnett Oil Company 801 Cherry Street, Suite 1500 Fort Worth, Texas 76102

Merlyn W. Dahlin and wife, Ruth G. Dahlin 3220 North Freeway Fort Worth, Texas 76111

Charles P. Davis and wife, Shirley A. Davis 1307 8th Ave., Suite 308 Fort Worth, Texas 76104

David L. Henderson and wife, Dawn Henderson 815 W. 10th Street Fort Worth, Texas 76102

Michael J. Havel and wife, Kathleen A. Havel 7607 Chalkstone
Dallas, Texas 75248

C. W. Stumhoffer and wife, Frieda T. Stumhoffer 1007 Ridglea Bank Bldg. Fort Worth, Texas 76116

C. W. Seely and wife, Ina B. Seely
815 W. 10th Street
Fort Worth. Texas 76102

OVERRIDING ROYALTIES:

Bill M. Scales and wife, Mary T. Scales 500 Throckmorton, Suite 2803 Fort Worth, Texas 76102

Marc H. Lowrance, Jr. and wife, Mary Anne Lowrance P. O. Box 9016
Fort Worth, Texas 76147

C. W. Seely and wife, Ina B. Seely
815 W. 10th St.
Fort Worth, Texas 76102

Amoco Production Company P. O. Box 591 Tulsa, Oklahoma 74102

Thomas R. Smith 1505 S. CR 1130 Midland, Texas 79701

John Saleh 502 North 1st St Lamesa, Texas 79331

Linda W. Smith
P. O. Box 8974
Midland, Texas 79701

Santa Fe Exploration Co. P. O. Box 1136 Roswell, New Mexico 88202

Windell A. Thomason
P. O. Box 411
Midland, Texas 79702-0411

David S. Googins, Jr. P. O. Box 2591 Midland, Texas 79702-2591

George Weis 3300 "B" Moss Ct. Midland, Texas 79707-3644

Bobby Hicks 3306 Andrews Hwy. Midland, Texas 79703-5131

Marathon ∩il Companv P. O. Box 552 Midland, Texas 79702

Dwight A. Free, Jr. 4356 Edmondson Dallas, Texas 75205

John E. Casev
P. O. Box 10533
Midland, Texas 79702

Bradley A. Pomeroy 7514 East Hinsdale Avenue Englewood, Colorado 80112

Hamon Operating Company 8411 Preston Rd, Suite 800 LB 33 Dallas. Texas 75225

ROYALTIES

State of New Mexico Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Lessee of Record

C. W. Stumhoffer & Frieda T. Stumhoffer
1007 Ridglea Bank Bldg.
Fort Worth, Texas 76116

Amoco Production Company P. O. Box 3092 Houston, Texas 77253

Marathon Oil Company P. O. Box 552 Midland, Texas 79702

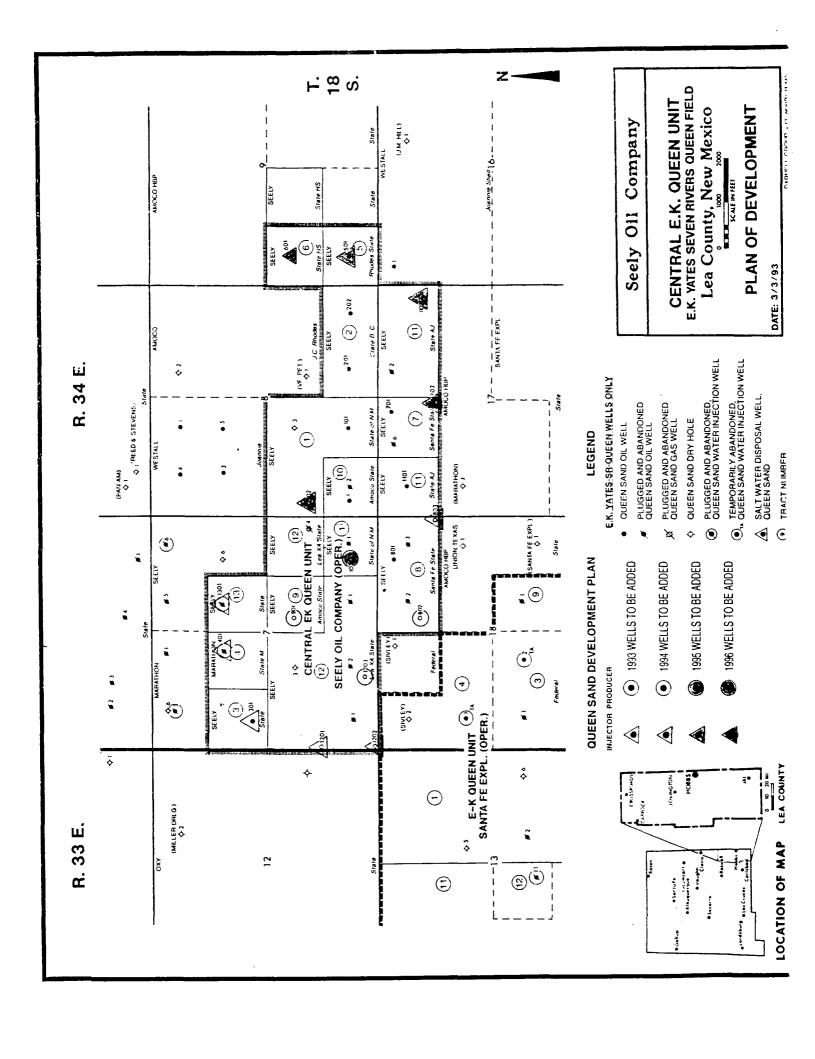
Santa Fe Natural Resorce, Inc. & Ray Westall
P. O. Box 4
Loco Hills, New Mexico 88255

JFG Enterprises
Box 100
Artesia, New Mexico 88211-0100

Oxy USA, Inc.
P. O. Box 50250
Midland, Texas 79710

Pogo Producing Company
P. O. Box 10340
Midland, Texas 79702-7340

Chevron USA, Inc. P. O. Box 1150 Midland, Texas 79702

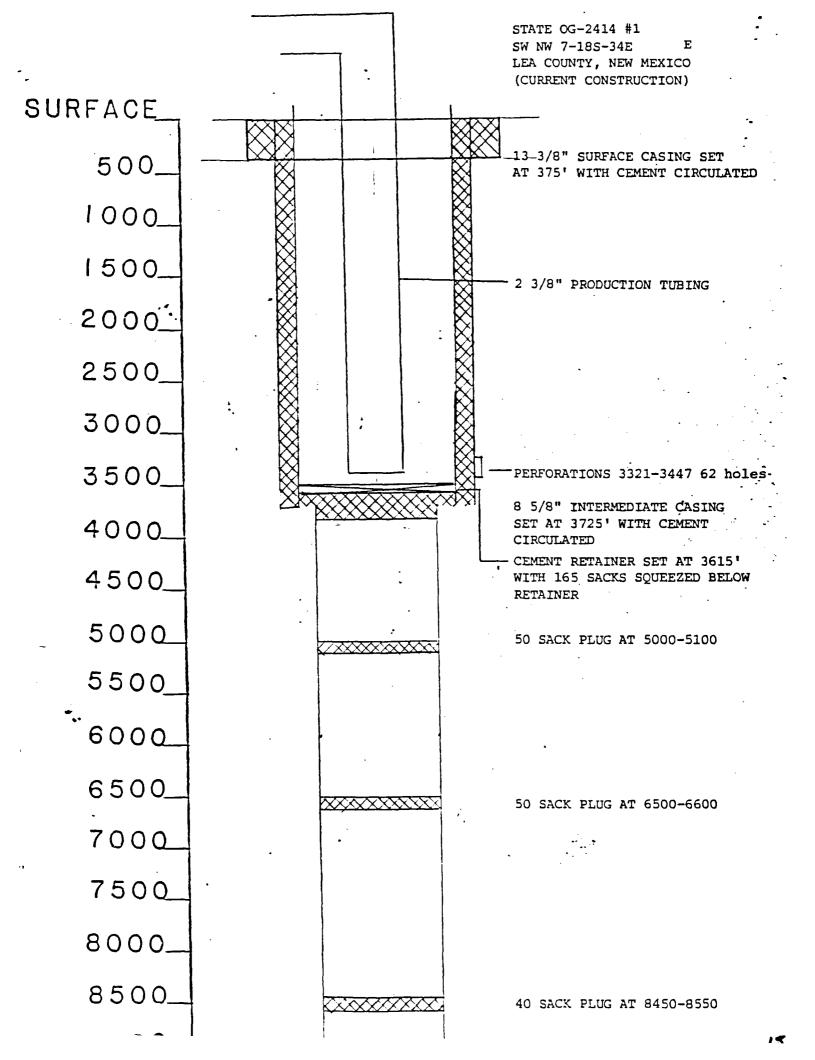


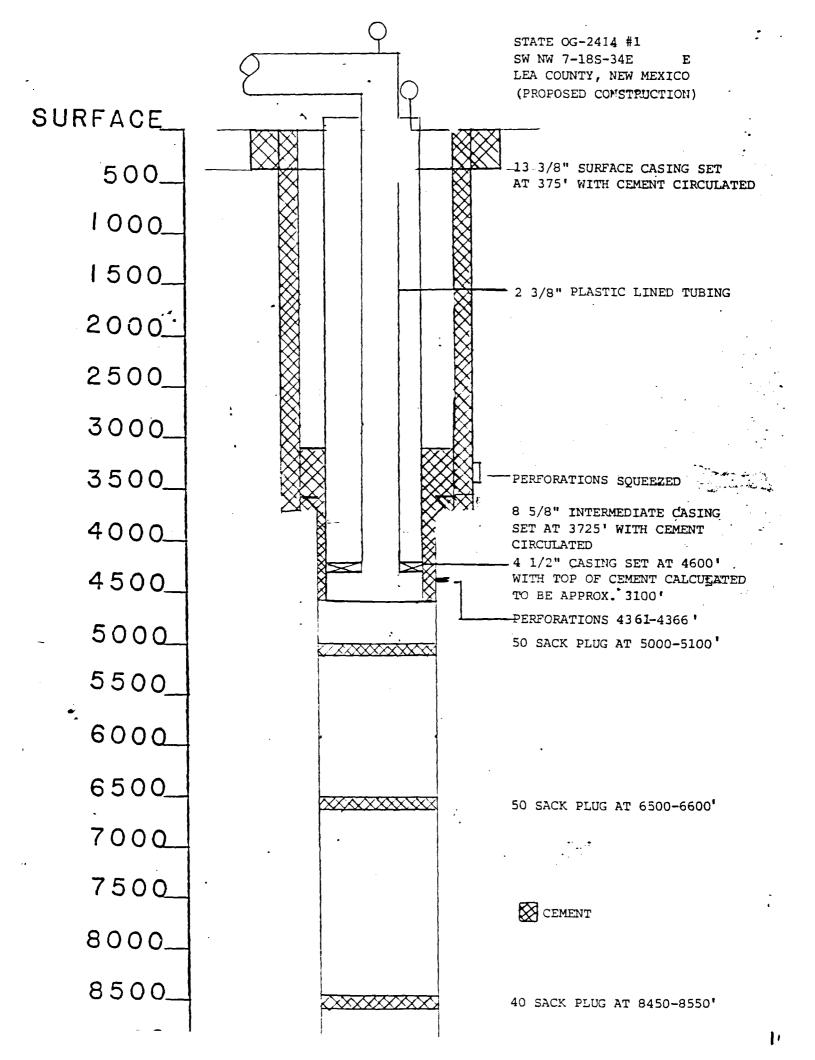
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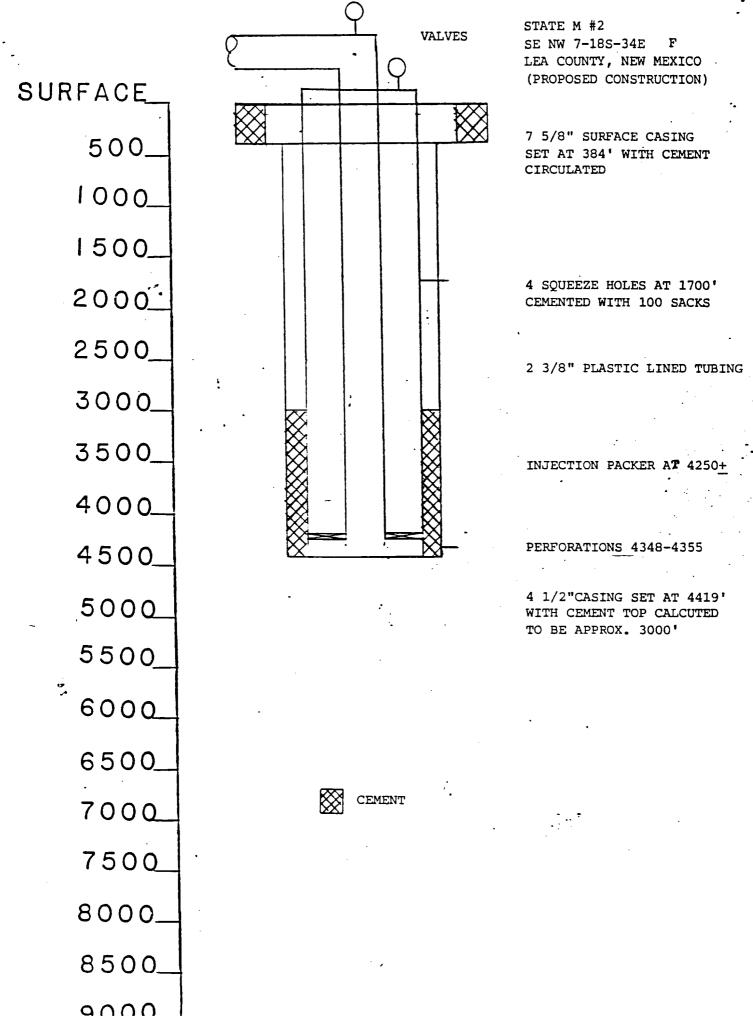


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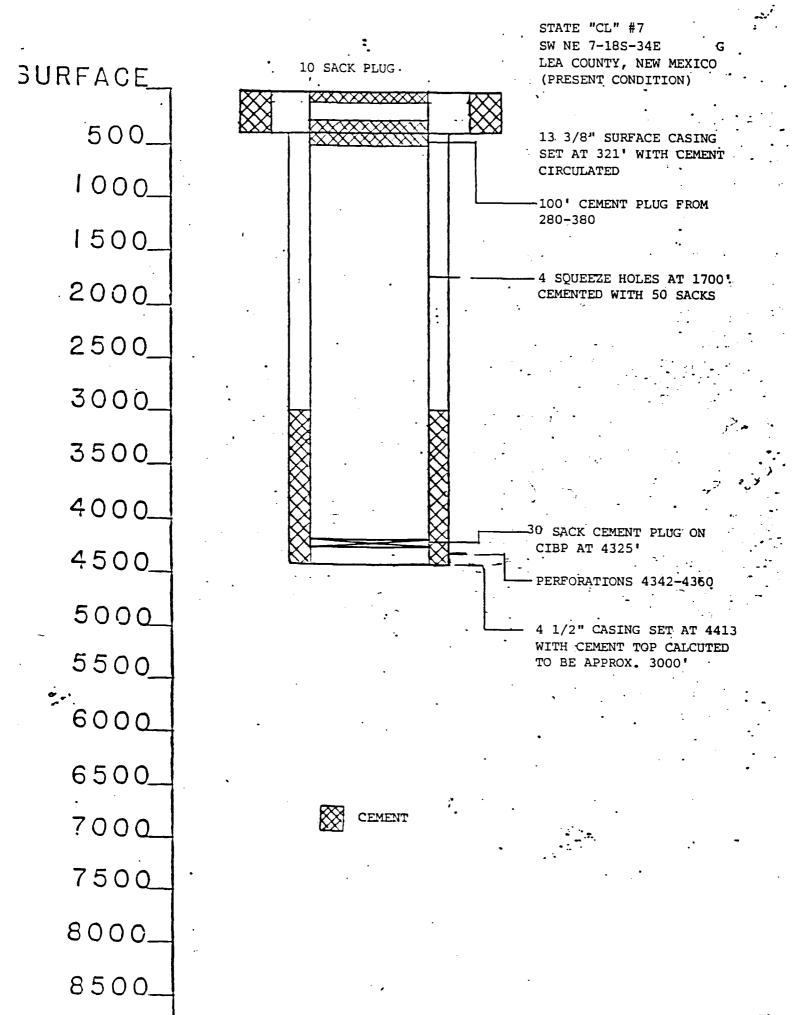
STATE M #2
SE NW 7-18S-34E F
LEA COUNTY, NEW MEXICO
(PRESENT CONDITION)

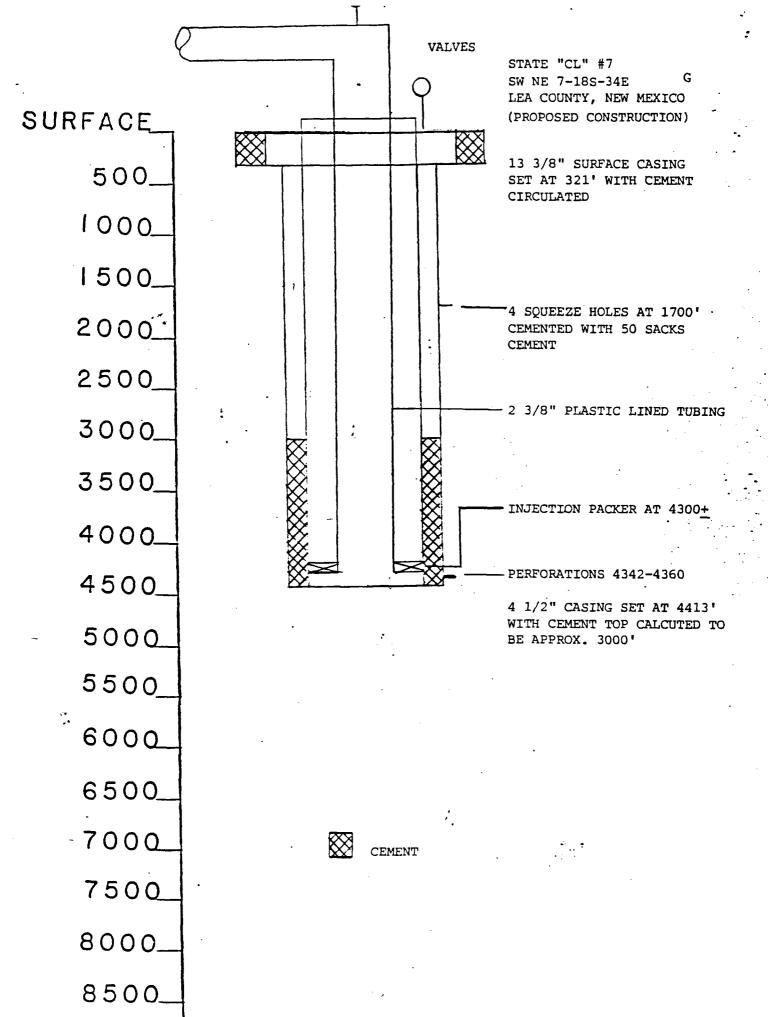
SURFACE 500 7 5/8" SURFACE CASING SET AT 384' WITH CEMENT CIRCULATED 1000 25 SACK CEMENT PLUG AT 394 1500 4 SQUÉEZE HOLES AT 1700 2000 CEMENTED WITH 100 SACKS TOP OF CEMENT AT 1545' 2500 3000 3500 OF CIBP AT 4325' 4000 4500 5000 4 1/2" CASING SET AT 4419 WITH CEMENT TOP CALCUTED TO -BE APPROX. 3000' 5500 6000 6500 7000 750Q 8000

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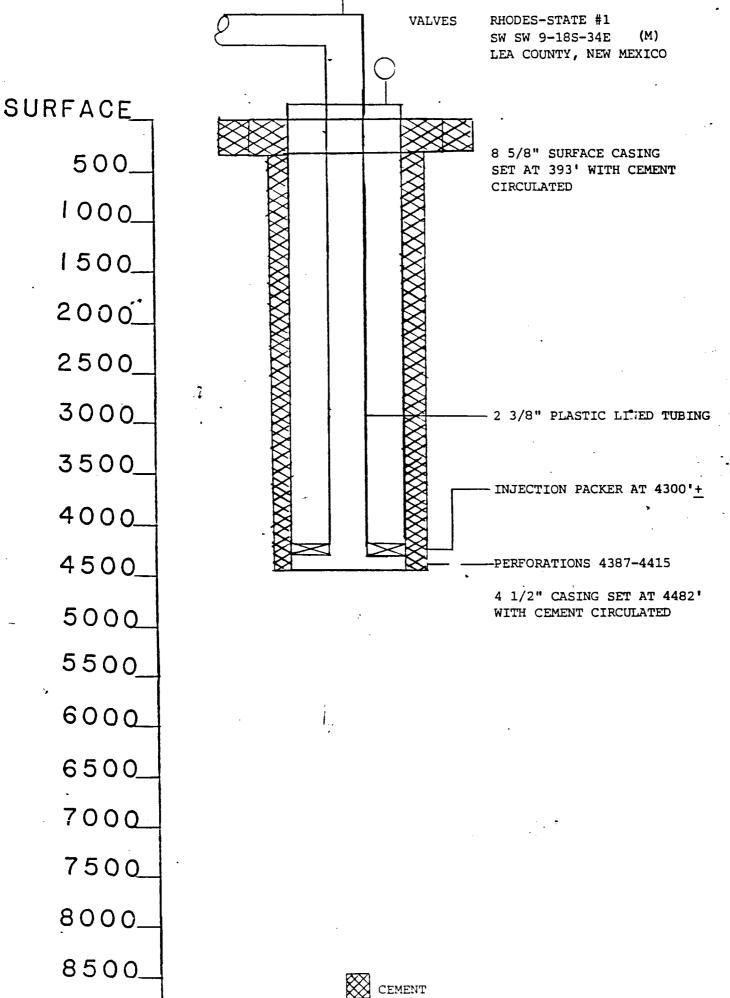


Seely Oil	Company				
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Other Data					
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2. Name o	F Field or Pool ((if applicable) <u>E-K Yate</u>	s - Seven River	s-Queen	
3. Is this	s a new well dril	lled for injection? /7	Yes /x/ No		
If no,	for what purpose	e was the well originally	drilled? Oil	producer fr	om
Queen	formation	·			
4. Has th	e well ever been ve plunning detai	perforated in any other z il (sacks of cement or bri	one(s)? List all	such perfora Yes - 4 s	ited interv queeze
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		name of any overlying and/ 00%. Grayburg 4600%	or underlying oil	or gas zone:	; (paols) ;
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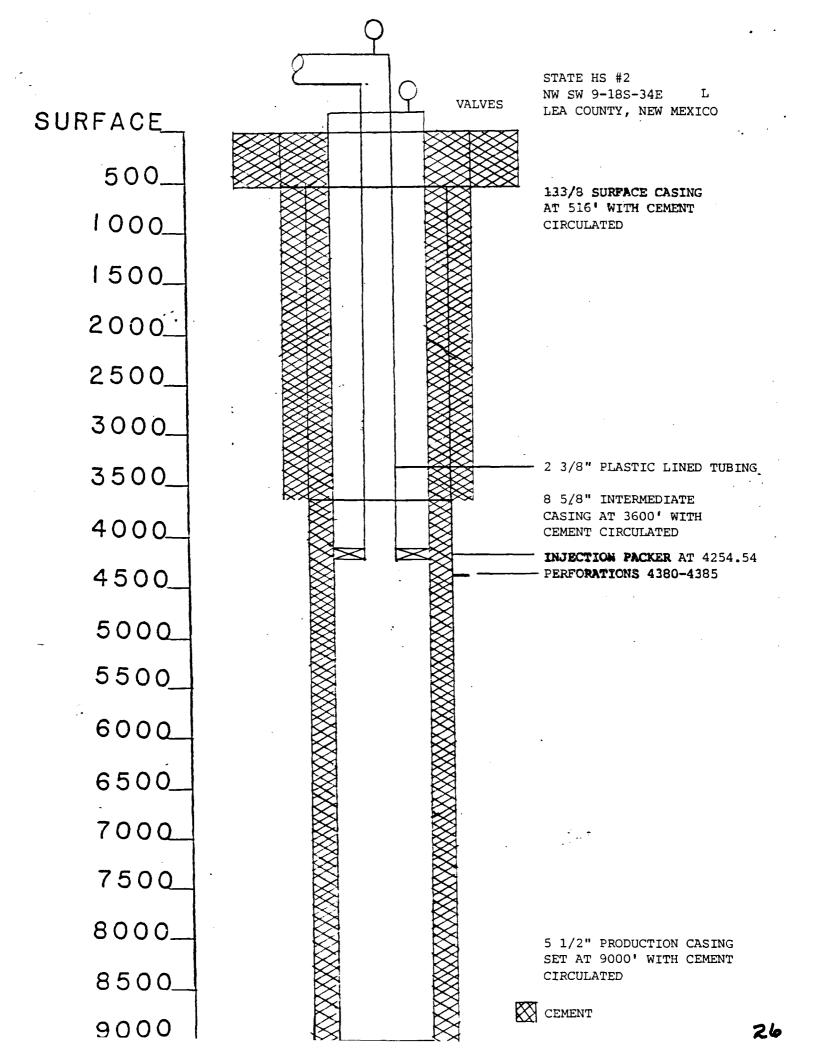




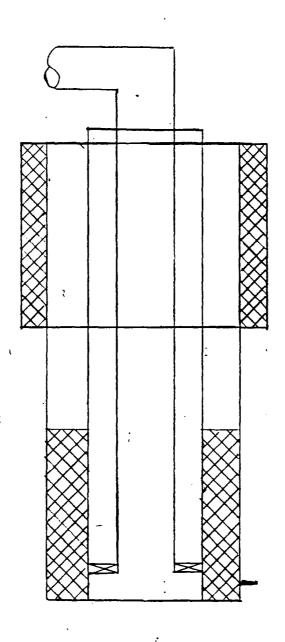
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-	6601 BCT c 660			190	34ፑ	1
TELL NO.						
· · · · ·						
Sche	ematic		Tabu	lar Data		
<i>;</i>		Surface Ca	sing			
See	Attached.	Size 8-5/	8" 24# "	Cemented wi	th 275	s
r .		TOC <u>Surf</u>	ace fe	et determined b	y <u>Circulate</u>	d
		Hole size		Set at <u>393'</u>		
		Intermedia	te Casing			
		Size		Cemented wi	th	
					· · · · · · · · · · · · · · · · · · ·	
						
		10C _surf	ace fe	et determined b	y <u>Circulate</u>	d
		Hole size	<u>7-7/8"</u>	···		
		Total dept	h 4482			
	•	Injection	interval			
		4387	foot to	4415	foot	
			•	•		
	•	•				
		i				
		·				
ubing size	2-3/8"	lined with	plast:	ic	set i	n a
Guibers	on Uni-1				fee	t
· ·		hubing 2001)				
	be any other casing-	tuaing sear).				
Name o	f Field or Pool (if	applicable) <u>E-</u>	K Yates-Sever	n Rivers-Quee	<u> </u>	
3. Is thi	Schemnic Surface Casing See Attached. Size Se-5/8" 24# * Cemented with					
185 34E						
						
4. Has th and gi	e well ever been per ve plugging detail (forated in any of sacks of cement of	ther zone(s)? or bridgę plug(List all such p	perforated int None	erv
				lying oil or go:	s zones (pools	i) i
						2
						~



### 1687 2 9 188 34E #### 1500 188 34E See Attached Surface Casing	Seely Oil Company	State HS	5		
Schematic Jabular Oats See Attached Surface Casing Size 3-3/8" 54.58" Casented with 550 ToC Surface feet determined by Circulation Hole size 20" & 17-1/2" Intermediate Casing Size 8-5/8" 24 & 328 Casented with 1650 ToC Surface feet determined by Circulation Hole size 11"	OPERATOR	LEASE			
Schemblic See Attached Surface Casing Size 13-3/8" 54.58* Cemented with550 _, 10C _Surfacefeet determined by _Circulation Hole size20" s 17-1/2" Intermediate Cosing Size8-5/8" 24 & 38# Cemented with1650 10C _Surfacefeet determined by _Circulation Hole size11" Long string Size5-1/2" 15.5\$* Cemented with1500 10C _Surfacefeet determined by _Circulation Hole size7-7/8" Total depth3000' Injection interval 4380feet to4385feet (perforated or open-hole, indicate which) feet (perforated or open-hole, indicate which) The packer at4254.54					
Schemile See Attached Surface Casing Size 13-3/8" 54.58 Cemented with 550 , 100 Surface feet determined by Circulation Hole size 20" & 17-1/2" Intermediate Casing Size 8-5/8" 24.6.38 Cemented with 1650 100 Surface feet determined by Circulation Hole size 11" Long string Size 5-1/2" 15.58 - 17# Size 5-1/2" 15.58 - 17# Cemented with 1500 100 Surface feet determined by Circulation Hole size 7-7/8" Total depth 9000' Injection interval 4380 feet to 4385 feet (perforated or spen-hole, indicate which) Feet Watson Nickel Plated poker at 4254.54 feet (grand and model) (or describe any other casing-tubing seal). Cher Data 1. Name of field or Pool (if applicable) E-K Yates-Seven Rivers-Queen 2. Name of field or Pool (if applicable) E-K Yates-Seven Rivers-Queen 3. Is this a new well drilled for injection? To Yes 187 No If no, for what purpose was the well originally drilled? To test the Bone Springs formation for oil 8 gas production 4. Wates the well ever been perforated in any other some(s)? List all such perforated intervand give plugging detail (sacks of cement or bridge plug(s) used) 5. Cive the depth to and name of any overlying and/ar underlying oil or gas zents (posls) if the content of the	THE NO. FOURAGE LOCATION	560	TION	TOWNSHIP	RANGE
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Total and social Surface Teet deterained by Circulation	i see Accuened			Camenhad wi	550
Hale size 20" & 17-1/2"					
Interection Size 8-5/8" 24 & 32# Cemented with					y Circulation
Size 8-5/8" 24 & 3 9# Cemented with		Hole Size	20" & 1/-1	/2"	
Total depth 9000' Injection interval 4380		Intermedi:	ate Casing		
Long string Size 5-1/2" 15.5# " Cemented with		Size 8-5	/8" 24 & 32#	Cemented wi	th 1650 s
Long string Size 5-1/2" 15.5# " Cemented with 1500		toc <u>sur</u>	face fe	et determined b	y Circulation
Size 5-1/2" 15.5# " Ceaented with	·	Hole size	11"		
Size 5-1/2" 15.5# " Ceaented with					
Total depth 9000' Injection interval 4380		cong stri	ng & 1	7#	
Total depth 9000* Injection interval 4380					
Injection interval 4380 feet to 4385 feet				et determined b	y Circulation
Injection interval 4380 feet to 4385 feet (perforated or open-hole, indicate which) feet (perforated or open-hole, indicate which) feet (perforated or open-hole, indicate which) feet (watson Nickel Plated (material) (prand and model) (packer at 4254.54 feet (or describe any other casing-tubing seal). (or describe any other casing-tubing seal). (or have of the injection formation Queen (or Name of field or Pool (if applicable) F-K Yates-Seven Rivers-Queen (or If no, for what purpose was the well originally drilled? To test the Bone Springs formation for oil & gas production 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervent and give plugging detail (sacks of coment or bridge plug(s) used) 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) is (perforated intervent feet feet feet feet feet (perforated or open-hole, indicate which) (perforated or open-hole, indindicate which) (perforated or open-hole, indicate which) (p		Hole size	<u>7-7/8"</u>		
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2. Name of Field or Pool (if applicable) <u>E-K Yates-Seven Rivers-Queen</u> 3. Is this a new well drilled for injection? / Yes /X/ No If no, for what purpose was the well originally drilled? <u>To test the Bone Springs formation for oil & gas production</u> 4. Has the well ever been perforated in any other zone(s)? List all such perforated intervand give plugging detail (sacks of coment or bridge plug(s) used) 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) is		on Oueen			
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and give plugging detail (sacks of coment or bridge plug(s) used) 5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) i					
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Yates 3600, Grayburg 4450	4. Has the well ever been perfor and give plugging detail (sad	ated in any oaks of cement	ther zone(s)? or bridge plug(list all such p s) used)	erforated interva
this area. Yates 3600, Grayburg 4450	5. Give the death to and name of	f any overlyin	ng and/ar unduri	vine nil ar and	zanes (nonte) :-
	this area. Yates 3600, Gr	ayburg 4450	, sucret enditt	, and our or dos	Taura (haata) tu



Seely Oil Company	Centra	l EK Queen U	nit	
OPERATOR	LEASC			
"Typical Water Injection Well" ICLL NO. FOULAGE LOCATION	SECTI	<u> </u>	Tabling (18	0.31.152
THE KILL FROM THE ENCENTION	3Et. 11	UN	TOWNSHIP	RANGE
Schematic		7-1-1	D-1	
Schematic			or Data	
ý a	Surface Casi	ng		
• •	Size8-5/	<u>'8</u>	Cemented wit	h 1000
	TOC Surf	ace fee	t determined by	Circulation
	Hole size	11"	····	
	Intermediate	: Casing		
	Size		Cemented wit	h
	TOC	fee	t determined by	
·	Hole size	·	·····	
	Long string			
	Size 4-1/2	10.5#	Cemented wit	h 400
~	TOC 2800 (6	est.) [ee	t determined by	Calculation
	Hole size	7 - 7/8 "	-	
	Total depth	4500		
• •	Injection in	nterval		
	4350	feet to	4400 indicate which	feet
		•		
•			~	
	1			
	• •			
ubing size 2-3/8" line	d with	Plastic (moterio	1)	set in
Guiberson Uni-I		packer at _	4300'	feet
(brand and model)				
(or describe any other casing-tubin	ig scal,.			
Ither Data	Ouean			
l. Name of the injection formation				
Name of Field or Pool (if appli	icable) EK Y	ates-Seven F	livers-Queen	
3. Is this a new well drilled for	injection? /	X7 Yes /	⁷ No	
If no, for what purpose was the	e well origina	lly drilled?		
4. Has the well ever been perfora and give plugging detail (sacks	ted in any oth s of cement or	er zone(s)? (bridge plug(:	ist all such posts) used) No	erforated inter
e pius the death to an i area - f	any nunelula-	and/an indial	vina nil na na-	**************************************
 Give the depth to and name of this orea. <u>Yates 3300. Grayh</u> 	ourg 4500.	and/or underl	A rud att of das	
				2.



"Typical Water Injection Well" E-K Yates-Seven Rivers-Queen Are Lea County, New Mexico

8-5/8" surface casing set at approx. 1700' and cemented to surface

2-3/8" plastic lined tubing

Injection packer set at approx. 4300'

Perforations in Queen at approx. 4350-4400.

4-1/2 production casing set at approx. 4500' with top of cement at approx. 2800'

Cement

· V

OPERATOR: Oxy USA		LEASE: State	DW	
WELL NO.: 5 FOOT	rage: 660'	FSL & 660' FEL	SECTION: 12-18S-34E	-
	TUBULAR	DATA		
SURFACE CASING				
SIZE: 13-3/8" 48#/ft. ;	···	CEMENTED WITH:	500	_sx.
TOC: Surface HOLE SIZE: 17-1/2"	FEET	SETTING DEPTH:	Circulation	
INTERMEDIATE CASING				
SIZE: 8-5/8" 24 & 32#		CEMENTED WITH:	1300	sx.
TOC: Surface	FEET	CEMENTED WITH: DETERMINED BY:	Circulation	
HOLE SIZE: 11"		SETTING DEPTH:		
LONG STRING				
SIZE: 5-1/2" 15.5# & 17#		CEMENTED WITH:	1335	SX.
SIZE: 5-1/2" 15.5# & 17# TOC: 3300')	FEET	DETERMINED BY:	CBL	-
HOLE SIZE: 7-7/8"		SETTING DEPTH:	9030'	
TOTAL DEPTH: 9030'	PRODUCING	INTERVAL		
FORMATION: Yates		POOL OR FIELD:	EK Yates-Seven River	rs-Oue
SPUD DATE: 7/24/84		COMPLETION DATE		
PERFORATED: 3343	r.	EET TO 3478		FEET
STIMULATION: Acid - 2000 ga sand	ls. 7-1/2	% HCL, Frac - 26,	,000 qals, & 59,000#	12/20
OTHER PERFORATED ZONES: BO	ne Spring	s 8689-8876, San	Andres 5091-5096	
		am) mva		
	CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WE	LL? Pro	oducing from Yate	es formation	
IF P&A, LIST PLUGGING DETAIL	S:			
				

OPERATOR: Oxy USA	LEASE: State "DW"
WELL NO.: 3 FOOTAGE: 198	0' FNL & 660' FEL SECTION: 12-18S-33E F
T UBULAF	R DATA
SURFACE CASING	
SIZE: 13-3/8" 48# TOC: Surface FEET HOLE SIZE: 17-1/2"	CEMENTED WITH: 500 SX. DETERMINED BY: Circulation SETTING DEPTH: 350
INTERMEDIATE CASING	
SIZE: 8-5/8" 24 & 32# TOC: Surface FEET HOLE SIZE: 11"	CEMENTED WITH: 1300 SX. DETERMINED BY: Circulation SETTING DEPTH: 3304'
LONG STRING	
SIZE: 5-1/2" 15.5 & 17# TOC: 3700 FEET HOLE SIZE: 7-7/8"	CEMENTED WITH: 1900 SX. DETERMINED BY: CBL SETTING DEPTH: 8949'
PRODUCING	G INTERVAL
FORMATION: Yates SPUD DATE: 6/1/84	POOL OR FIELD: E-K Yates-Seven Rivers-Qu COMPLETION DATE: 10/16/84
PERFORATED: 3342	FEET TO 3379 FEET
STIMULATION: 2000 gallons 7-1/2% aci 15,000 gallons CO ₂ (71 tons) plus 18,	id plus 15,000 qallons 2% KCL water plus ,000# 20/40 sand plus 48,000# 12/20 sand
OTHER PERFORATED ZONES: Unknown	
	· · · · · · · · · · · · · · · · · · ·
CURRENT	T STATUS
WHAT IS CURRENT STATUS OF WELL?	Pumping oil well
IF P&A, LIST PLUGGING DETAILS:	

OPERATOR: Oxy USA	LEASE: State "DW"	_
FOOTAGE: 1980	0' FSL & 330' FEL SECTION: 12-185-33E	Ī
		_
TUBULA	R DATA	
SURFACE CASING		
SIZE: 13-3/8" 48#	CEMENTED WITH: 500 SX	•
COC: Surface FEET NOLE SIZE: 17-1/2"	DETERMINED BY: Circulation SETTING DEPTH: 349*	-
	SETTING DEFIN: 349.	_
INTERMEDIATE CASING		
SIZE: 8-5/8" 24 & 32#	CEMENTED WITH: 1300 SX	•
TOC: Surface FEET	DETERMINED BY: Circulation	
HOLE SIZE: 11"	SETTING DEPTH: 3300'	-
LONG STRING		
	CEMENTED WITH: 1265 SX	•
FEET	DETERMINED BY: CBL	_
HOLE SIZE 1-7/8"	SETTING DEPTH: 8914'	
TOTAL DEPTH: 8914'		
PRODUCTNO	G INTERVAL	
		C
FORMATION: Bone Springs SPUD DATE: 8/17/84	POOL OR FIELD: Mescalero Escarpe (Bone COMPLETION DATE: 9/18/84	_spr
SPUD DATE: 8/17/84 PERFORATED: 8606	FEET TO 8789' FEE	T
STIMULATION: 8500 gallons 15% NEFE	and a	
STIMULATION: 0500 GUITORS 15% WHILE	·	
		_
OTHER PERFORATED ZONES: None		_
		_
CURREN	T STATUS	
WHAT IS CURRENT STATUS OF WELL?	Pumping oil well	
IF P&A, LIST PLUGGING DETAILS:		
		_
		_
		_

OPERATOR: Plateau Oil Company	LEASE:	State	
WELL NO.: 1 FOOTAGE: 660	' FEL & 1980'	FSL SECTION: 12-18	S-33E
TUBULAR	DATA		
SURFACE CASING			
TOC: Surface FEET	DETERMINED BY	: 250 : Circulation : 300'	sx.
INTERMEDIATE CASING		•	
TCC: 1800 (estimated) FEET	DETERMINED BY	500 Caculation 4364'	sx.
	DETERMINED BY	300 : Unknown : 3760-5465!	SX.
	: INTERVAL		
SPUD DATE: 5/25/55	POOL OR FIELD COMPLETION DA	E-K San Andres TE: 10/10/55	FEET
STIMULATION: 10,000 gallons crude a			
OTHER PERFORATED ZONES: Queen 4345-	-4364', Yates 3	3695 - 3762 '	
CURRENT WHAT IS CURRENT STATUS OF WELL? P&A	r status		
IF P&A, LIST PLUGGING DETAILS: Squeez 20 sxs. at 4200', 10 sxs. at 3700', of 10 sxs. surface plug.	zed perfs. 4345		',

10 sack surface plug TD 5513'

8-5/8" surface casing set at 300' with cement circulated

Top of cement calculated to be approx. 1800'

7" casing set at 4364'

Perforations 3695-3762 squeezed

10 sx. plug at 3700° 20 sx. plug at 4200°

Perforations 4345-4364' squeezed

Perforations 5062-5390'

5-1/2" liner set at 3760-5465' with top of cement at 3760'

Cement

PERATOR: Oxy USA	LEASE:State "DW"	,
ELL NO.: 1 FOOTAGE: 198	_	
·		
TUBULAF	R DATA	
URFACE CASING		
IZE: 13-3/8" 48 & 61#		sx.
	DETERMINED BY: Circulation	
OLE SIZE: 17-1/2"	SETTING DEPTH: 500	
NTERMEDIATE CASING		
IZE: 8-5/8" 24 & 32#	CEMENTED WITH: 4105	sx.
OC: Surface FEET	DETERMINED BY: Circulation	
	SETTING DEPTH: 5283'	
ONG STRING		
IZE: 5-1/2" 17#	CEMENTED WITH: 950	SX.
	DETERMINED BY: CBL	
OLE SIZE: 7-7/8"	SETTING DEPTH: 10,866	
PRODUCINO	G INTERVAL	
ORMATION: Bone Springs	POOL OR FIELD: Mescalero Escarpe	(Bone S
SPUD DATE: 1/31/84	COMPLETION DATE: 4/17/84	
ERFORATED: 8803	FEET TO 8883	FEET
TIMULATION: 2500 gallons 15% HCL ac	cid	
OTHER PERFORATED ZONES: None		
CURREN'	T STATUS	
THAT IS CURRENT STATUS OF WELL?	Pumping oil well	
IF P&A, LIST PLUGGING DETAILS:		
		



OPERATOR: Oxy USA	LEASE:Sta	te DW	
WELL NO.: 10 FOOTAGE: 990	' FSL & 2130' FWI	SECTION: 12-18s-	-33E N
·.		·	
TUBULAF	R DATA		
SURFACE CASING			
SIZE: 13-3/8" 48# '	CEMENTED WITH:	500	sx.
TOC: Surface FEET	DETERMINED BY:	Circulation	
HOLE SIZE: 17-1/2"	SETTING DEPTH:	350'	
INTERMEDIATE CASING			
SIZE: 8-5/8" 24 & 32#	CEMENTED WITH:	1300	sx.
	DETERMINED BY:		
HOLE SIZE: 11"	SETTING DEPTH:		
LONG STRING	-		
SIZE: 5-1/2" 15.5 & 17#	CEMENTED WITH:	1245	sx.
TOC: (c 3450 FEET	DETERMINED BY:		
HOLE SIXE 7-7/8"	SETTING DEPTH:	9097	
TOTAL DEPTH: 9097 PRODUCING	G INTERVAL	•	
		Mescalero Escarpe	(Bone Spr
	COMPLETION DATE		
PERFORATED: 8708	FEET TO 87	761	FEET
STIMULATION: 4000 gallons 15% NEFE	HCL acid		
OTHER PERFORATED ZONES: None know	n		

CURRENT	T STATUS		
WHAT IS CURRENT STATUS OF WELL?	Pumping oil well	L	
IF P&A, LIST PLUGGING DETAILS:			

TUBULAR DATA TORMATION: 800 SX. TORMATION: 800 SX. TORMATION: 800 ST. TORMATION: 800 SPRINGS TORMATION: 9011/84 TORMATION: 10/20/84 TORMATIO	PERATOR: Oxy USA	LEASE: State "DW"	······································
URFACE CASING IZE: 13-3/8" 48# CEMENTED WITH: 500 SX. OC: Surface FEET DETERMINED BY: Circulation OCIDE SIZE: 17-1/2" SETTING DEPTH: 350' INTERMEDIATE CASING IZE: 8-5/8" 24 \$ 32# CEMENTED WITH: 1300 SX. OC: Surface FEET DETERMINED BY: Circulation OCIDE SIZE: 11" SETTING DEPTH: 3140' OMN STRING SIZE: 5-1.2" 15.5 \$ 17# CEMENTED WITH: 2550 SX. OC: \$1000 FEET DETERMINED BY: CEL OCIDE SIZE: -7/8" SETTING DEPTH: 9072' OTAL DEPTH: 9080' PRODUCING INTERVAL ORNATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spring) POIL OR	FOOTAGE: 710	0' FSL & 1830' FEL SECTION: 12-185-	·33E 0
URFACE CASING IZE: 13-3/8" 48# CEMENTED WITH: 500 SX. OC: Surface FEET DETERMINED BY: Circulation OCIDE SIZE: 17-1/2" SETTING DEPTH: 350' INTERMEDIATE CASING IZE: 8-5/8" 24 \$ 32# CEMENTED WITH: 1300 SX. OC: Surface FEET DETERMINED BY: Circulation OCIDE SIZE: 11" SETTING DEPTH: 3140' OMN STRING SIZE: 5-1.2" 15.5 \$ 17# CEMENTED WITH: 2550 SX. OC: \$1000 FEET DETERMINED BY: CEL OCIDE SIZE: -7/8" SETTING DEPTH: 9072' OTAL DEPTH: 9080' PRODUCING INTERVAL ORNATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spring) POIL OR	· ·		
TIZE: 13-3/8" 48# CEMENTED WITH: 500 SX. OC: Surface FEET DETERMINED BY: Circulation OLE SIZE: 17-1/2" SETTING DEPTH: 350' NTERMEDIATE CASING SIZE: 8-5/8" 24 \$ 32# CEMENTED WITH: 1300 SX. OCC: Surface FEET DETERMINED BY: Circulation OLE SIZE: 11" SETTING DEPTH: 3140' OONG STRING SIZE: 5-1.2" 15.5 \$ 17# CEMENTED WITH: 2550 SX. OCC: Surface FEET DETERMINED BY: CBL SIZE: 5-1.2" 15.5 \$ 17# CEMENTED WITH: 2550 SX. OCC: Surface SIZE: 11" SETTING DEPTH: 9072' OOTAL DEPTH: 9080' PRODUCING INTERVAL OOTAL DEPTH: 9080' PRODUCING INTERVAL OOTAL DEPTH: 9/11/84 COMPLETION DATE: 10/20/84 PERFORATED: 8805 FEET TO 8866 FEET STIMULATION: 4000 gallons 15% NEFE acid OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	TUBULA	R DATA	
OC: Surface FEET DETERMINED BY: Circulation OLE SIZE: 17-1/2" SETTING DEPTH: 350' NTERMEDIATE CASING SIZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX. OC: Surface FEET DETERMINED BY: Circulation OLE SIZE: 11" SETTING DEPTH: 3140' ONG STRING SIZE: 5-1,2" 15.5 & 17# CEMENTED WITH: 2550 SX. OC: \$100 FEET DETERMINED BY: CBL OCC: \$100 FEET DETERMINED BY: CBL OCC: \$100 FEET DETERMINED BY: CBL OCC: \$100 FEET DETERMINED BY: CBL OCTAL DEPTH: 9080' PRODUCING INTERVAL OCMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spring) POOL OR	SURFACE CASING		
NTERMEDIATE CASING NOC: Surface FEET DETERMINED BY: Circulation SETTING DEPTH: 3140' NONG STRING NOC: A100 FEET DETERMINED BY: CBL SETTING DEPTH: 9072' NOTAL DEPTH: 9080' PRODUCING INTERVAL PRODUCING INTERVAL ORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spring) POPUL OR FIELD: Mescalero Escarpe (SIZE: 13-3/8" 48#	CEMENTED WITH: 500	sx.
NTERMEDIATE CASING IZE: 8-5/8" 24 & 32# CEMENTED WITH: 1300 SX. OC: Surface FEET DETERMINED BY: Circulation OLE SIZE: 11" SETTING DEPTH: 3140' ONG STRING SIZE: 5-1.2" 15.5 & 17# CEMENTED WITH: 2550 SX. OC: A100 FEET DETERMINED BY: CBL OCAL SIZE: 7-7/8" SETTING DEPTH: 9072' OTAL DEPTH: 9080' PRODUCING INTERVAL OCRMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spring) POUL OR FI	OC: Surface FEET	DETERMINED BY: Circulation	
CEMENTED WITH: 1300 SX. COC: Surface FEET DETERMINED BY: Circulation COLE SIZE: 11" SETTING DEPTH: 3140' CONG STRING SIZE: 5-1.2" 15.5 & 17# CEMENTED WITH: 2550 SX. COC: \$100 FEET DETERMINED BY: CBL COCI. \$100 FEET DETERMINED BY: CBL COCI. \$100 FEET DETERMINED BY: CBL COTAL DEPTH: 9080' PRODUCING INTERVAL CORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spring) POUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 PERFORATED: 8805 FEET TO 8866 FEET STIMULATION: 4000 gallons 15% NEFE acid CURRENT STATUS CURRENT STATUS CURRENT STATUS CHART IS CURRENT STATUS OF WELL? Pumping oil well	OLE SIZE: 17-1/2"	SETTING DEPTH: 350'	
OCISUFFIGE	NTERMEDIATE CASING		
OCISUFFIGE	SIZE: 8-5/8" 24 & 32#	CEMENTED WITH: 1300	sx.
CORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spr. SPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 FEET DETERMINED BY: CBL SPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 FEET DETERMINED BY: CBL SETTING DEPTH: 9030' CORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spr. SPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DETERMINED BY: CBL SECARPE (Bone Spr. SPUD DATE: 10/20/84 FEET DATE	OC: Surface FEET	DETERMINED BY: Circulation	
CEMENTED WITH: 2550 SX. COC: \$100	OLE SIZE: 11"	SETTING DEPTH: 3140'	
CC: \$100 FEET DETERMINED BY: CBL OLE SIZE: -7/8" SETTING DEPTH: 9072! PRODUCING INTERVAL ORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spr. CPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 PERFORATED: 8805 FEET TO 8866 FEET STIMULATION: 4000 gallons 15% NEFE acid OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	LONG STRING		
CC: \$100 FEET DETERMINED BY: CBL OLE SIZE: -7/8" SETTING DEPTH: 9072! PRODUCING INTERVAL ORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spr. CPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 PERFORATED: 8805 FEET TO 8866 FEET STIMULATION: 4000 gallons 15% NEFE acid OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	SIZE: 5 <u>-1.</u> 2" 15.5 & 17#	CEMENTED WITH: 2550	SX.
PRODUCING INTERVAL ORMATION: Bone Springs	POC: \$100 FEET	DETERMINED BY: CBL	
PRODUCING INTERVAL CORMATION: Bone Springs	HOLE SIZE: 7-7/8"	SETTING DEPTH: 9072	
CORMATION: Bone Springs POOL OR FIELD: Mescalero Escarpe (Bone Spr. SPUD DATE: 9/11/84 COMPLETION DATE: 10/20/84 PERFORATED: 8805 FEET TO 8866 FEET STIMULATION: 4000 gallons 15% NEFE acid CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	TOTAL DEPTH: 9080'		
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	PRODUCING	G INTERVAL	
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	FORMATION: Bone Springs	POOL OR FIELD: Mescalero Escarpe	(Bone Spri
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	SPUD DATE: 9/11/84	COMPLETION DATE: 10/20/84	 -
OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	PERFORATED: 8805	FEET TO 8866	FEET
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well			
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well			
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well			
WHAT IS CURRENT STATUS OF WELL? Pumping oil well	OTHER PERFORATED ZONES: None		
WHAT IS CURRENT STATUS OF WELL? Pumping oil well			
	CURREN	T STATUS	
F P&A, LIST PLUGGING DETAILS:	WHAT IS CURRENT STATUS OF WELL? P	Pumping oil well	
	IF P&A, LIST PLUGGING DETAILS:		

01

PERATOR: Oryx	LEASE: Mesca	lero Ridge Federa	1
VELL NO.: 3 FOOTAGE: 430	' FNL & 900' FEL	SECTION: 13-18	S-33E A
TUBULAF	R DATA		
SURFACE CASING			
SIZE: 13-3/8" 48#	CEMENTED WITH:_	375	sx.
COC: Surface FEET NOLE SIZE: 17-1/2"	DETERMINED BY:_	Circulation	
OLE SIZE: 17-1/2"	SETTING DEPTH:_	356	
NTERMEDIATE CASING			
SIZE: 8-5/8" 24 & 32#	CEMENTED WITH:_	1000	sx.
COC: Surface FEET	DETERMINED BY:		
HOLE SIZE: 12-1/4"	SETTING DEPTH:	3311	
ONG STRING			
SIZE: 5-1/2" 15.5 & 17#	CEMENTED WITH:	1400	SX.
	DETERMINED BY:		
ioc: Agood hepermatery FEET	DETERMINED BI:	Carculation	
HOLE SIZE: 7-7/8" POTAL DEPTH: 9200'	SETTING DEPTH:		
PRODUCING	SETTING DEPTH:	9200'	
PRODUCING	SETTING DEPTH:	9200' Mescalero Escarpe	Bone Spri
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE	9200' Mescalero Escarpe 1/21/86	Bone Spri
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87	9200' Mescalero Escarpe :1/21/86 66	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 FORMATION: Bone Springs	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87	9200' Mescalero Escarpe :1/21/86 66	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 FORMATION: Bone Springs	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87	9200' Mescalero Escarpe :1/21/86 66	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87 Lons 20% NEFE HCL	9200' Mescalero Escarpe :1/21/86 66	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87	9200' Mescalero Escarpe :1/21/86 66	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None	SETTING DEPTH: SINTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87 Lons 20% NEFE HCL	Mescalero Escarpe	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None CURRENT WHAT IS CURRENT STATUS OF WELL?	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87 Lons 20% NEFE HCL F STATUS Pumping oil well	Mescalero Escarpe	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None CURRENT	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87 Lons 20% NEFE HCL F STATUS Pumping oil well	Mescalero Escarpe	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None CURRENT WHAT IS CURRENT STATUS OF WELL?	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87 Lons 20% NEFE HCL F STATUS Pumping oil well	Mescalero Escarpe	FEET
PRODUCING FORMATION: Bone Springs SPUD DATE: 12/1/85 PERFORATED: 8744 STIMULATION: Acidized with 2500 gall OTHER PERFORATED ZONES: None CURRENT WHAT IS CURRENT STATUS OF WELL?	SETTING DEPTH: G INTERVAL POOL OR FIELD: COMPLETION DATE FEET TO 87 Lons 20% NEFE HCL F STATUS Pumping oil well	Mescalero Escarpe	FEET



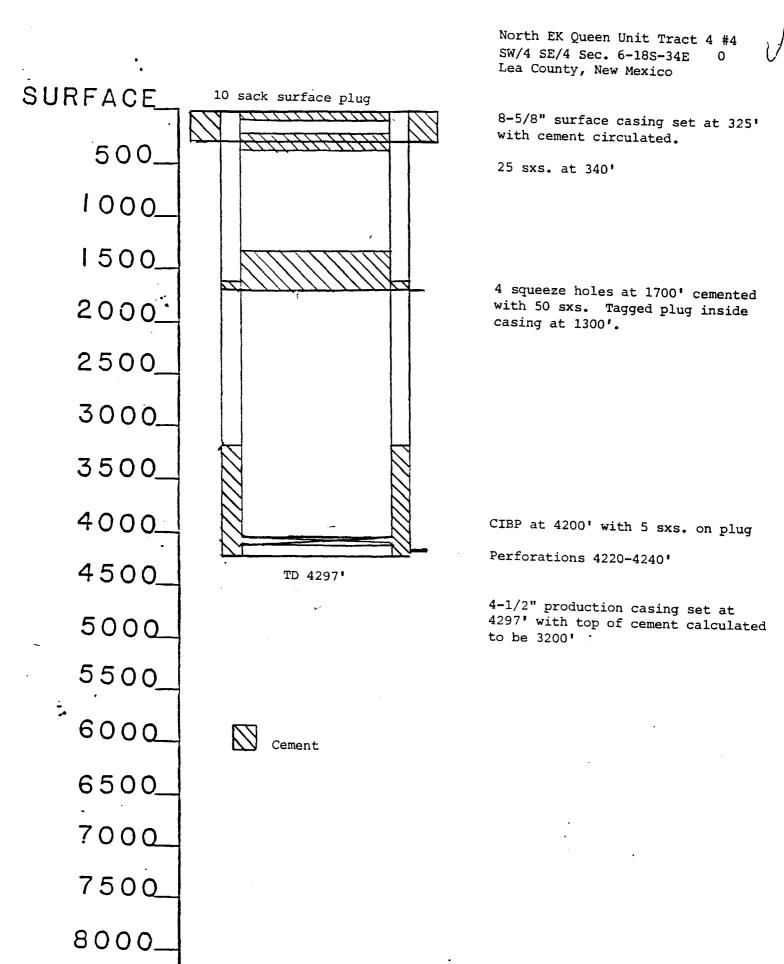
PERATOR: Oryx	_ LEASE: Mesca	lero Ridge Federa	1
ELL NO.: 1 FOOTAGE: 330	' FNL & 2030' FE	L SECTION: 13-18S	-33E
· · · · · · · · · · · · · · · · · · ·			
TUBULAR	DATA		
URFACE CASING			
IZE: 13-3/8" 48# '	CEMENTED WITH:	375	sx.
OC: Surface FEET	DETERMINED BY:	Circulation	
OC: Surface FEET OLE SIZE: 17-1/2"	SETTING DEPTH:	360	
NTERMEDIATE CASING			
SIZE: 8-5/8" 24 & 32#	CEMENTED WITH:	1300	SX.
	DETERMINED BY:		
OLE SIZE: 11"	SETTING DEPTH:		
ONG STRING			
SIZE: 5-1/2" 15.5 & 17#	CEMENTED WITH.	1600	SX.
	DETERMINED BY:		
OLE SIZE: 7-7/8"	SETTING DEPTH:	Q2001	
PRODUCING	INTERVAL		
FORMATION: Bone Springs	POOL OR FIELD:	Mescalero Escarpe	(Bone
SPUD DATE: 6/1/85	COMPLETION DATE	7/2/85	
PERFORATED: 8714 F	EET TO 8773	772799	FEET
STIMULATION: 4000 gallons 20% NEFE	HCL.		
<u></u>			
OTHER DEPENDATED ZONES.	·		
OTHER PERFORATED ZONES: None			
	STATUS		
CURRENT			
CURRENT WHAT IS CURRENT STATUS OF WELL?P	umping oil well		
	-		
WHAT IS CURRENT STATUS OF WELL?	-		



OPERATOR: Oryx	LEASE: Mesca	lero Ridge Federal	<u> </u>
WELL NO.: 2 FOOTAGE: 17	00' FNL & 1700' F	EL SECTION: 13-185	G-33E G
· · · · · · · · · · · · · · · · · · ·			·
TUBUL	AR DATA		
SURFACE CASING			
SIZE: 13-3/8" 48#	_ CEMENTED WITH:	375	sx.
	DETERMINED BY:		
HOLE SIZE: 17-1/2"	_ SETTING DEPTH:	363'	····
INTERMEDIATE CASING			
	CEMENTED WITH:		sx.
TOC: Surface FEET	DETERMINED BY:		
HOLE SIZE: 11"	SETTING DEPTH:	3241'	
LONG STRING			
SIZE: 5-1/2" 15.5 & 17#	CEMENTED WITH:	1450	SX.
TOC: 2000 (estimated) FEET	DETERMINED BY:	Calculation	
HOLE SIZE: 7-7/8"	SETTING DEPTH:		
PRODUCI	NG INTERVAL		
FORMATION: Bone Springs	POOL OR FIELD:	Mescalero Escarpe	e Bone Spri
SPUD DATE: 10/27/85	COMPLETION DATE	E: 12/9/85	
PERFORATED: 8749	FEET TO 878		FEET
STIMULATION: 4000 gallons 20% NEFE	E HCL		
			····
OTHER PERFORATED ZONES: None			
	······································		
CURRE	ENT STATUS		
WHAT IS CURRENT STATUS OF WELL?	Pumping oil well		
IF P&A, LIST PLUGGING DETAILS:	······································		
			

OKARI

OPERATOR: Murphy Baxter	LEASE: North 1	E.K. Queen Unit Trac	t 4
WELL NO.: 4 FOOTAGE: 660'	FSL & 2310 FEL	SECTION: 6-18S-34E	0
TUBULAR	DATA		
SURFACE CASING			
SIZE: 8-5/8" 22.7# TOC: Surface FEET HOLE SIZE: 12-1/4"	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	450 Circulation	_sx.
INTERMEDIATE CASING		323	
SIZE: None TOC: FEET HOLE SIZE:	DETERMINED BY:_		
LONG STRING			
TOC: 3200 (estimated) FEET	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:		_sx.
PRODUCING	; INTERVAL		
FORMATION: Queen SPUD DATE: 7/7/62	POOL OR FIELD:	E-K Yates-Seven Rive	rs-Que
SPUD DATE: 7/7/62 PERFORATED: 4220 F	EET TO	4240	FEET
STIMULATION: 500 gallons acid, 20,0	000 gallons oil &	40,000# sand	
OTHER PERFORATED ZONES: None			
CURRENT	r status		•
WHAT IS CURRENT STATUS OF WELL? P&F	<u> </u>	·····	
IF P&A, LIST PLUGGING DETAILS: CIBP Perforate 4 holes at 1700' and squeez 25 sxs. at 340', 10 sxs. at surface.			



OPERATOR: Marlo Drilling Co.	LEASE: Mobil State
WELL NO.: 1 FOOTAGE: 330	0' FSL & 990' FEL SECTION: 6-18S-34E
TUBULAR	R DATA
SURFACE CASING	
roc: Surrace recr	CEMENTED WITH: 275 SX. DETERMINED BY: Circulation SETTING DEPTH: 325
INTERMEDIATE CASING	
SIZE: None TOC: FEET HOLE SIZE:	CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH:
LONG STRING SIZE: 4-1/2" 10.5# TOC: 3700 (est.) FEET HOLE SIZE: 7-7/8" TOTAL DEPTH: 4337"	CEMENTED WITH: 150 SX. DETERMINED BY: Calculation SETTING DEPTH: 4337'
	G INTERVAL
FORMATION: Queen SPUD DATE: 3/1/63 PERFORATED: 4257	POOL OR FIELD: EK Yates-Seven Rivers-Queer COMPLETION DATE: 3/14/63 FEET TO 4265 FEET
	, 43,000 gals. refined oil & 70,000# sand
OTHER PERFORATED ZONES: None	
CURREN' WHAT IS CURRENT STATUS OF WELL? P&A	T STATUS
IF P&A, LIST PLUGGING DETAILS: 25 st 3400', 25 sxs across csg. stub, 25 st	xs across perforations, cut & pull csg. from xs @ 1845, 25 sxs across csg. shoe, 10 sxs
surface.	

Mobil State #1 SE/4 SE/4 Sec. 6-18S-34E Lea County, New Mexico

10 sack surface plug

8-5/8" surface casing set at

325' with cement circulated

25 sxs across 8-5/8" casing shoe

25 sxs at 1845'

25 sxs across casing stub at 3400

Top of cement in annulus estimated to be 3700'

25 sxs. across perforations 4257-4265'

4-1/2" producing casing set at 4337'

10 sack surface plug

TD 4337

 \mathbb{Z}

Cement

500.

1000

1500

2000

2500

3000

3500

4000_

4500

5000

5500

6000

6500_

7000

7500

8000_

8500_

OPERATOR: Murphy Baxter		LEASE: N.E. K	Queen Unit	Tract 4	
WELL NO.: 6	FCOTAGE: 330'	FNL & 660' FEL	_ SECTION:_	7-18S-34E	A
	TUBULAR	DATA	· · · · · · · · · · · · · · · · · · ·		•
SURFACE CASING					
SIZE: 13-3/8" 35.6# TOC: Surface HOLE SIZE: 17-1/2"	FEET	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	375 Circulatio	SX.	
INTERMEDIATE CASING		-			•
SIZE: None TOC: HOLE SIZE:	FEET	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:			-
LONG STRING					
SIZE: 4-1/2" 9.5# TOC: 3100 HOLE SIZE: 8"	FEET	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	320 Calculated	SX.	-
TOTAL DEPTH: 4344'		-			
	PRODUCING	INTERVAL			
FORMATION: Queen SPUD DATE: 9/30/62 PERFORATED: 4291		POOL OR FIELD:	E-K Yates E: 11/8/62	Seven Rivers	Quee
STIMULATION: 500 gallons		•			
					- -
OTHER PERFORATED ZONES:	None				-
				 	-
	CURRENT	STATUS			
WHAT IS CURRENT STATUS OF	WELL? P	² &A			
IF P&A, LIST PLUGGING DET squeeze with 100 sxs. tag	AILS: 25 sx at 1580', 25	s. at 4000-4250 sxs. at 370',	Perfs. 4	4 holes at 170 face plug.	0',
					- - -

N.E. K Queen Unit Tract 4 #6 NE/4 NE/4 Sec. 7-18S-34E Lea County, New Mexico

SURFACE

500

1000

1500

2000

2500

3000

3500

4000

4500

500Q

5500

6000

6500

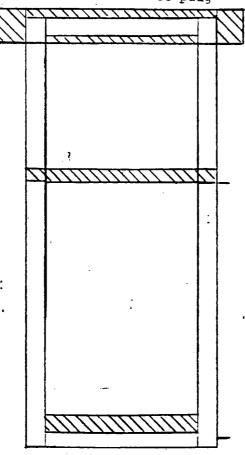
700Q

7500

8000

8500

10 sack surface plug



TD 4344

13-3/8" surface casing set at 322' with cement circulated

25 sxs. plug at 370'

4 squeese holes at 1700' Squeezed with 100 sxs. with top of cement at 1580'

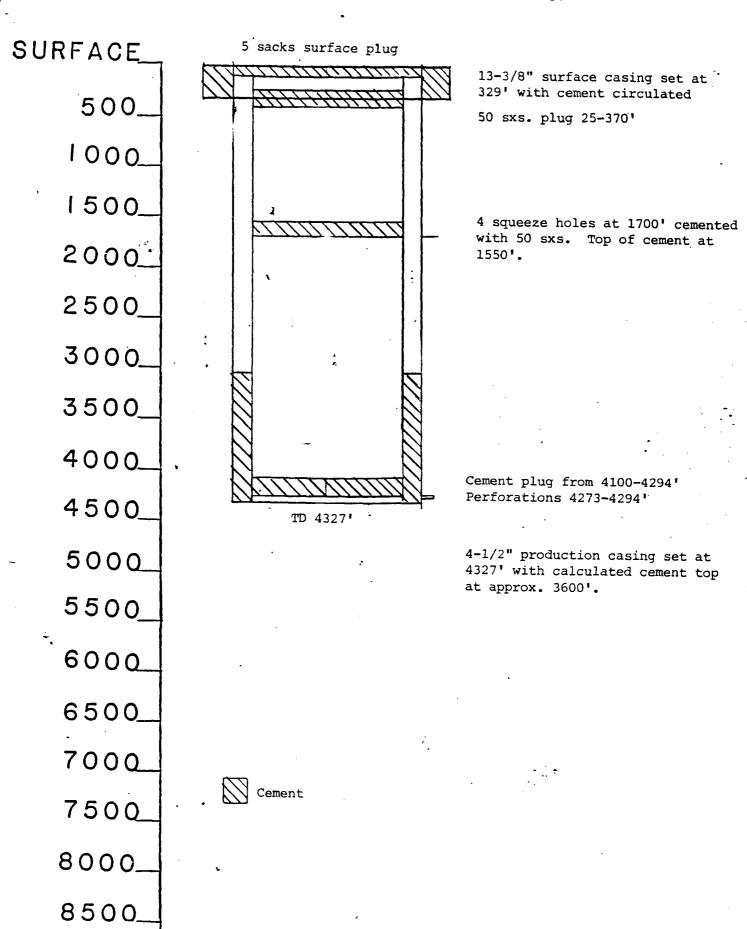
25 sxs. plug from 4000-4250

Perforations 4291-4299

4-1/2" production casing set at 4343 and cemented with 320 sxs.

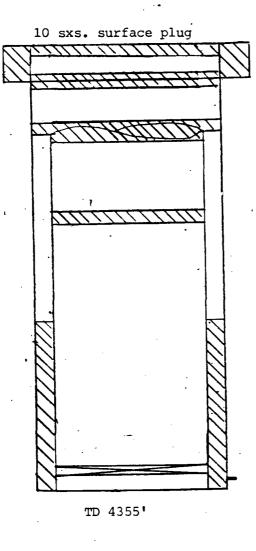
_		Queen Unit Tract 4	
WELL NO.: 5 FOOTAGE: 330	' FNL & 1980' FEI	SECTION: 7-18S-34E	B
TUBULAR	DATA		
SURFACE CASING			
SIZE: 13-3/8" 35.6#	CEMENTED WITH:_	375	_sx.
FOC: Surface FEET HOLE SIZE: 17-1/2"	DETERMINED BY: SETTING DEPTH:	329'	
INTERMEDIATE CASING			
SIZE: None	CEMENTED WITH:		SX.
roc:Feet	DETERMINED BY:		<u> </u>
LONG STRING	SETTING DEFIN:_		
SIZE: 4-1/2" 9.5#	CEMENTED WITH.	375	CY
roc: 3600 (estimated) FEET			_5^.
HOLE SIZE: 11" POTAL DEPTH: 4327'	SETTING DEPTH:	43271	
FORMATION: Queen	POOL OR FIELD:	E-K Yates Seven Riv	ers Q
FORMATION: Queen	POOL OR FIELD: COMPLETION DATE	E-K Yates Seven Riv	
FORMATION: Queen SPUD DATED: 8/16/62	POOL OR FIELD: COMPLETION DATE EET TO 4294		FEET
FORMATION: Queen SPUD DATED: 8/16/62 PERFORATED: 4273 F	POOL OR FIELD: COMPLETION DATE EET TO 4294		
FORMATION: Queen SPUD DATED: 8/16/62 PERFORATED: 4273 F STIMULATION: 20,000 gallons oil & 40 OTHER PERFORATED ZONES: None	POOL OR FIELD:_ COMPLETION DATE EET TO 4294 0,000# sand		
FORMATION: Queen SPUD DATED: 8/16/62 PERFORATED: 4273 F STIMULATION: 20,000 gallons oil & 40 OTHER PERFORATED ZONES: None CURRENT	POOL OR FIELD: COMPLETION DATE EET TO 4294		
FORMATION: Queen SPUD DATED: 8/16/62 PERFORATED: 4273 F STIMULATION: 20,000 gallons oil & 40 OTHER PERFORATED ZONES: None	POOL OR FIELD: COMPLETION DATE EET TO 4294 0,000# sand		
FORMATION: Queen SPUD DATED: 8/16/62 PERFORATED: 4273 F STIMULATION: 20,000 gallons oil & 40 OTHER PERFORATED ZONES: None CURRENT	POOL OR FIELD: COMPLETION DATE EET TO 4294 0,000# sand STATUS c plug from 4294-	4100'. Perforate 4	holes

N. EK Queen Unit Tract 4 #5 NW/4 NE/4 sec. 8-18S-34E E Lea County, New Mexico



OPERATOR: Murphy Baxter	LEASE: N. EK Queen Unit Tract 7
WELL NO.: 1 FOOTAGE: 2173	S' FWL & 330' FNL SECTION: 7-18S-34E C
TUBULAR	DATA
SURFACE CASING	
SIZE: 7-5/8" 26.4# TOC: Surface FEET HOLE SIZE: 10-3/4"	CEMENTED WITH: 150 SX. DETERMINED BY: Circulation SETTING DEPTH: 336'
INTERMEDIATE CASING	
SIZE: None TOC: FEET HOLE SIZE: LONG STRING	CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH:
SIZE: 4-1/2" 11.6# TOC: 2700 (estimated) FEET HOLE SIZE: 6-3/4"	CEMENTED WITH: 200 SX. DETERMINED BY: Calculation SETTING DEPTH: 4355'
TOTAL DEPTH: 4355'	
PRODUCING	INTERVAL
FORMATION: Queen SPUD DATED: 4/19/63 PERFORATED: 4280 FORMATION: Queen	POOL OR FIELD: EK Yates Seven Rivers Quee COMPLETION DATE: 5/5/63 FEET TO 4288 FEET
STIMULATION: 500 gallons acid, 20,0	00 qailons & 30,000# sand
OTHER PERFORATED ZONES: None	
CURRENT	r status
WHAT IS CURRENT STATUS OF WELL? P&	A
at 1700', cut & pull casing at 840',	at 4250' with 35' cement on top, 25 sxs. 25 sxs. 785-890'. 50 sxs. 298-372',
10 sxs. surface plug.	

N. EK Queen Unit Tract 7 #1
NE/4 NW/4 Sec. 7-18S-34E
Lea County, New Mexico



7-5/8" surface casing set at 336' with cement circulated 50 sxs. 298-372'

Cut and pull casing from 840' 25 sxs. 785-890'

25 sxs. 1600-1700'

35° of cement on CIBP at 4250!

Perforations 4280-4288

4-1/2" production casing set at 4355' with top of cement calculated to be approx. 2700'



OPERATOR: DOB Oil Properties		LEASE:	State	M		
WELL NO.: 3 FOOTAG	GE: 853'	FWL & 330'	FNL	SECTION:	7-18S-34E	D
5	rubular	DATA				
SURFACE CASING						
SIZE: 8-5/8" 36#		CEMENTED WI	TH:_	215		sx.
SIZE: 8-5/8" 36# TOC: Surface HOLE SIZE: 10"	FEET	DETERMINED SETTING DEF	BY:	Circulati 379'	on	
INTERMEDIATE CASING						
SIZE: None TOC: HOLE SIZE:	FEET	CEMENTED WIDETERMINED SETTING DEF	BY:			
LONG STRING						
SIZE: None TOC: HOLE SIZE:	FEET	CEMENTED WIDETERMINED SETTING DEF	BY:			_sx.
TOTAL DEPTH: 4300'						
PR	ODUCING	INTERVAL				
FORMATION: None SPUD DATED:		POOL OR FII	ELD:_			
SPUD DATED: PERFORATED:	FE	EET TO	DATE	·	· · · · · · · · · · · · · · · · · · ·	FEET
STIMULATION: None	·					
OTHER PERFORATED ZONES: No.	ne					
	CUDBENE	CM A MILE				
WHAT IS CURRENT STATUS OF WELL	CURRENT > Junk		oned			
IF P&A, LIST PLUGGING DETAILS: 25 sxs. 1900-1800', 25 sxs. 40	25 s	exs. 4255-41	155',	25 sxs. 30	000-2900',	

State "M" #3 NW/4 NW/4 Sec. 7-18S-34E Lea County, New Mexico

.

8-5/8" surface casing set at 379' with cement circulated

25 sxs. plug 325-400°

25 sxs. plug 1800-1900'

25 sxs. plug 2900-3000

25 sxs. plug 4155-4255'

10 sack surface plug

SURFACE

500

1000

1500

2000

3500_

4000

4500

5000

5500

6000

6500

7000

7500

20008

8500



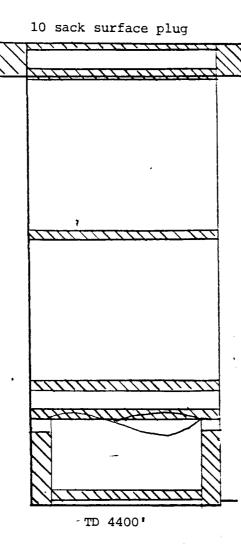
TD 4300'



OPERATOR:	Pan	American			LEASI	E:S	tate	"CL"	····	
WELL NO.:	8	<u></u>	FOOTAGE:	1650	FNL 8	990'	FEL	SECTION:_	7 - 185 - 34	Е Н
										
			TUB	ULAR	DATA					
URFACE CAS	ING									
SIZE: 13-3	/8"	35.6#	,		CEMENT	ED WIT	TH:	320		_sx.
OLE SIZE:	17-1	L/2"	FE	ET	SETTING	INED E G DEPI	H:	Circulatio 334	n •	
NTERMEDIAT	E CAS	SING								
SIZE:N	lone				CEMENT	ED WIT	TH:			_sx.
OC:			FEFE	ET	DETERM:	INED E	3Y:			
ONG STRING		•				 -				
SIZE: 4-1	•	9.5#			CEMENIA.	हा धा न	ru -	12	· 0	SX
OC: 370	00 (es	stimated)	FE	ET	DETERM	INED E	3Y: (12 Calculatio	n	
OLE SIZE:	8"				SETTIN	G DEP1	TH:	4394	1	
			PRODU	CING	INTERV	AL				
FORMATION:_	Qι	ıeen			POOL O	R FIEI	<u>.</u> : ط:	E-K Yates-	Seven Riv	ers-Quee
SPUD DATE:	3,	/4/63			COMPLE	rion i	DATE:	E-K Yates- 4/2/63		
ERFORATED:		332 500 gallo	ns acid,		_	,		4354 d 40,000#	sand	FEET
THER PERFO	RATEI	ZONES:_								
						- 5: -	· · · · · · · · · · · · · · · · · · ·			
			CUR	RENT	STATUS					
WHAT IS CUP	RENT	STATUS O	F WELL?_	P8	§A		·			
IF P&A, LIS 25 sxs. at	ST PLO 3549	UGGING DE	TAILS: . at 3320	Cut a	and pul	led ca	sing	from 3549 25 sxs. at	334', 10	s. at 436
surfa-e plu										

State "CL" #8 SE/4 NE/4 Sec. 7-18S-34E Lea County, New Mexico

8500



8-5/8" surface casing set at 334' with cement circulated 25 sxs. at 334' 25 sxs. at 1850' 25 sxs. at 3320' 25 sxs. at 3549' Cut and pull casing from 3549' 25 sxs. at 4364'

> 4-1/2" production casing set at 4394' with top of cement estimated to be 3700 °

perforations 4332-4354'

LL NO.: 4 FOOTAGE: 33	0' FEL & 1650' FSL	SECTION:_	7-18S-34E
TUBUL	AR DATA		
RFACE CASING			
ZE: 13-3/8" 36#	_ CEMENTED WITH:_	250	sx.
ZE: 13-3/8" 36# C: Surface FEET LE SIZE: 17-1/2"	DETERMINED BY:	Circulatio 251'	n
TERMEDIATE CASING			
	CEMENTED WITH:_		SX.
C:FEET	DETERMINED BY:		
LE SIZE:	SETTING DEPTH:		
NG STRING			
ZE: 5-1/2" 14#	_ CEMENTED WITH:_	150	sx.
ZE: 5-1/2" 14# C: 3683 FEET LE SIZE: 8"	DETERMINED BY:	Temp. Surv	ev
TAL DEPTH: 4380'		1332	
PRODUCI	NG INTERVAL		
RMATION: Queen	POOL OR FIELD:	E-K Yates S	Geven Rivers Ou
JD DATED: 5/3/56	COMPLETION DATE	: 6/5/56	
Open Hole 4352	FEET TO 4380		FEET
IMULATION: None			
		· 	
HER PERFORATED ZONES: None		 	
			·
	rim eminic		
Cinn	NT STATUS		
CURRE			
CURRE AT IS CURRENT STATUS OF WELL?	P&A		·

SURFACE

500

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

600Q

6500

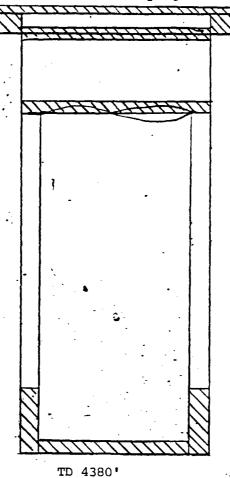
700Q

750Q

8000

8500

10 sack surface plug



13-3/8" surface casing set at 251 with cement circulated 25 sxs. 239-260'.

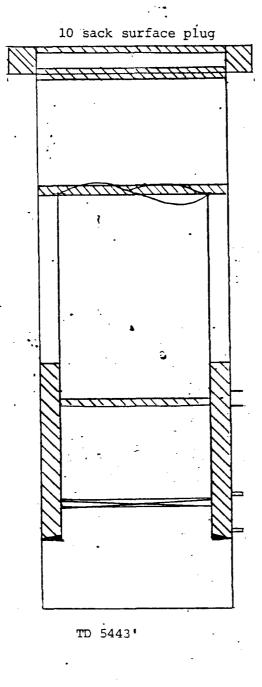
Casing cut & pulled from 1010' 50 sxs. 927-1010'

Cement plug 4173-4380

Open Hole 4352-4380

5-1/2" production casing set at . 4352' with top of cement at 3683'

OPERATOR: Sunray Mid-Continent Oil Co	• LEASE: New M	exico State "G"	
WELL NO.: 3 FOOTAGE: 198	0' FSL & 1858.6'	FWEECTION: 7-18	S-34E K
TUBULAR	DATA		
SURFACE CASING			
SIZE: 13-3/8" 36# TOC: Surface FEET HOLE SIZE: 17-1/2"	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	250 Circulation 249'	sx.
INTERMEDIATE CASING			
SIZE: None TOC: FEET HOLE SIZE:	DETERMINED BY:		
LONG STRING			
SIZE: 5-1/2" 14# TOC: 3052 FEET HOLE SIZE: 8" TOTAL DEPTH: 5443'	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	300 Temp. Survey 4689'	SX.
PRODUCING			
FORMATION: None SPUD DATED:	POOL OR FIELD:		
PERFORATED: F	EET TO		FEET
STIMULATION:			
OTHER PERFORATED ZONES: 4597-4622', 4 126 sxs., 3324-3338', 4354-80'	squeeze holes a	t 3450', cemente	d with
CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WELL?			
IF P&A, LIST PLUGGING DETAILS: CIBP 4 squeeze holes at 3450' cemented w/1 at 3399', casing cut and pulled from 10 sxs. surface plug.	26 sxs. with cem	ent left inside	casing



13-3/8" surface casing set at 249' with cement circulated

25 sxs. 218-250'

50 sxs. 1404-1472'
Casing cut & pulled from 1472'

Top of cement in annulus 3052'
Perforations 3324-3338'
4 squeeze holes at 3450' with 126 sx cement with top of cement inside casing at 3399'.

Perforations 4354-80'
CIBP at 4410' with 10' cement on top
Perforations 4597-4622'

5-1/2" production casing set at 4689' & cemented with 300 sxs.

OPERATOR: Chevron	LEASE: Lea "XA" Stat	e
WELL NO.: 3 FOOTAGE: 1980	' FSL & 1980' FWLSECTION	: 7-18S-34E K
TUBULAR	DATA	
SURFACE CASING		
TOC: Surface FEET	CEMENTED WITH: 585 DETERMINED BY: Circulat SETTING DEPTH: 585'	SX.
INTERMEDIATE CASING		
SIZE: 8-5/8" 24 & 28# TOC: Surface FEET HOLE SIZE: 11"	CEMENTED WITH: 1090 DETERMINED BY: Circula SETTING DEPTH: 1530'	
LONG STRING		
SIZE: 5-1/2" 15.5 & 17# TOC: 3200 FEET HOLE SIZE: 7-7/8" TOTAL DEPTH: 8795'	CEMENTED WITH: 1400 DETERMINED BY: Temp. Su SETTING DEPTH: 8793	
	INTERVAL POOL OR FIELD: Mescalero COMPLETION DATE: 9/5/84	
	EET TO 8703	FEET
STIMULATION: 12,400 gallons acid		
OTHER PERFORATED ZONES:		
CURRENT	STATUS	
WHAT IS CURRENT STATUS OF WELL? Pump	ping Oil Well	,
IF P&A, LIST PLUGGING DETAILS:		





OPERATOR: Chevron		LEASE: Lea	"XA" State	·
WELL NO.: 1	FOOTAGE: 19	80 FSL & 660 FWI	SECTION: 7-18S	-34E
······································	TUBULA	R DATA	<i>'</i>	
SURFACE CASING				
SIZE: 13-3/8" 48#	,	CEMENTED WITH:	500	sx.
TOC: Surface HOLE SIZE: 17-1/2"	FEET	SETTING DEPTH:	Circulation 555	
INTERMEDIATE CASING				
SIZE: 8-5/8" 28#	·	CEMENTED WITH:		sx.
TOC: Surface HOLE SIZE: 11"	FEET	DETERMINED BY: SETTING DEPTH:		
LONG STRING		was a good black till t	7770	
SIZE: 5-1/2" 15.5 &			1100	sx.
TOC: HOLE SIZE: 7-7/8"	FEET	DETERMINED BY: SETTING DEPTH:		
TOTAL DEPTH: 8950				
	PRODUCING	G INTERVAL		
FORMATION: Bone Spring SPUD DATED: 5/23/84	ıs	POOL OR FIELD:	Mescalero Escar	e Bone S
PERFORATED: 8641		FEET TO <u>8748</u>		FEET
STIMULATION: 4000 gall	ons acid			
OTHER PERFORATED ZONES:	None			
	-7 <u>-</u> 8 <u>-</u>	<u> </u>		
	CURREN'	T STATUS		
WHAT IS CURRENT STATUS	OF WELL? P	umping Oil Well		
IF P&A, LIST PLUGGING D	ETAILS:			
,		· · · · · · · · · · · · · · · · · · ·		

OPERATOR: Sunray DX Oil Co.	LEASE:	New Me	xico Stat	e G	
WELL NO.: 1 FOOTAGE: 660	' FSL & 660'	FWL	SECTION:	7-18S-34E	<u>M</u>
TUBULAR	DATA				
SURFACE CASING					
SIZE: 13-3/8" 36# TOC: Surface FEET HOLE SIZE: 17-1/4"	CEMENTED WI	ITH:	275 Circulatio	n	sx.
HOLE SIZE: 17-1/4" INTERMEDIATE CASING	SETTING DEF	TH:	262		
SIZE: None	CEMENTED WI	ITH:			sx.
TOC: FEET HOLE SIZE:	DETERMINED	BY:			
LONG STRING					
SIZE: 5-1/2" 14# TOC: 3300 (estimated) FEET HOLE SIZE: 8"	CEMENTED WIDETERMINED SETTING DEF	ITH: BY:(PTH:	200 Calculated		_sx.
TOTAL DEPTH: 4384'			4344		
PRODUCING	INTERVAL				
SPUD DATED: 5/13/55	POOL OR FIE	DATE:	6/4/55	Seven Rive	rs Quee
PERFORATED: Open Hole 4344 F				1	FEET
STIMULATION: 10,000 gallons refined	011 & 15,000	J# San	<u>a</u>		
OTHER PERFORATED ZONES: None					
					
	STATUS				
WHAT IS CURRENT STATUS OF WELL? P& IF P&A, LIST PLUGGING DETAILS: 25 sx 25 sxs. in & out of stub at 1119.25,	s. 4385-4150	0', cu	t & pull o	casing from	1119' 0 sxs.
surface plug					
					

New Mexico State "G" #1 SW/4 SW/4 Sec. 7-18S-34E M Lea County, New Mexico

SURFACE

500

1000

1500

2000

2500

3000

3500

4000

4500

500Q

5500

6000

6500

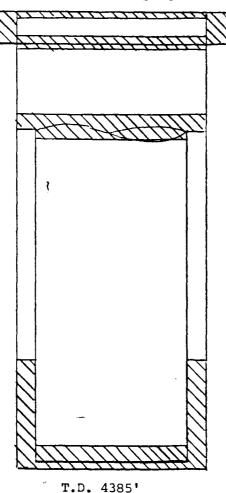
700Q

750Q

8000_

8500

10 sack surface plug



13-3/8" surface casing set at 262' with cement circulated. 25 sxs. plug at 268'

25 sxs. plug at 1120'
25 sxs. plug in and out of stub
at 1119'
Cut & pull casing from 1119'

Calculated top of cement at approx. 3200'

25 sxs. 4385-4150' Open Hole 4344-4385'

5-1/2" production casing set at 4344

OPERATOR: Chevron	_ LEASE:_ Lea "	XA" State	
WELL NO.: 2 FOOTAGE: 660'	FSL & 330' FWL	SECTION: 7-18S-34E	
TUBULAR	DATA		
SURFACE CASING			
TOC: Surface FEET	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	Circulation	_sx.
INTERMEDIATE CASING			
TOC: Surface FEET	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	Circulation	_sx.
LONG STRING SIZE: 5-1/2" 15.5 & 17# TOC: 3910 FEET HOLE SIZE: 7-7/8"	CEMENTED WITH:_ DETERMINED BY:_ SETTING DEPTH:_	2050 Temperature Survey 3970	_sx.
TOTAL DEPTH: 8970' PRODUCING	INTERVAL		
SPUD DATE: 6/19/84	POOL OR FIELD: COMPLETION DATE EET TO 8765	Mescalero Escarpe Bo	one Spring
STIMULATION: 54,400 gals. acid	 		
OTHER PERFORATED ZONES: None			
CURRENT	' STATUS		
WHAT IS CURRENT STATUS OF WELL? Pu	umping oil well	· · · · · · · · · · · · · · · · · · ·	
IF P&A, LIST PLUGGING DETAILS:	·		
			

OPERATOR: Sunray DX Oil Co.	LEASE: New N	Mexico State	"G"	
WELL NO.: 2 FOOTAGE: 185	58.6' FWL & 660'	FSBECTION:_	7-18S-34E	N
TUBULAF	R DATA			
SURFACE CASING				
SIZE: 13-3/8" 36# ' TOC: Surface FEET	CEMENTED WITH:	250	sx.	
TOC: Surface FEET HOLE SIZE: 17-1/2"	DETERMINED BY:	Circulation	n	
	bbilling bbillin.	247.	<u> </u>	
INTERMEDIATE CASING	٠			
SIZE: None	CEMENTED WITH:		sx.	
FEET HOLE SIZE:	DETERMINED BY:			
•	DELLING DELLIN.			•
LONG STRING				
SIZE: 5-1/2" 14# FOC: 3300' (estimated) FEET	CEMENTED WITH:	200	SX.	
FOC: 3300' (estimated) FEET HOLE SIZE: 8"	DETERMINED BY: SETTING DEPTH:	Calculatio	on	•
TOTAL DEPTH: 4388'	-			,
PRODUCING	INTERVAL			
FORMATION: Queen SPUD DATED: 7/7/55	POCL OR FIELD:	E-K Yates	Seven Rivers (⊋ue
PERFORATED: Open Hole F	FEET TO	J/ 1 / JJ	FEET	;
STIMULATION: 10,000 gallons refined	oil and 10,000#	sand	_	
				•
				-
OTHER PERFORATED ZONES: None			 	
				•
CURRENT	C STATUS			
WHAT IS CURRENT STATUS OF WELL? PE	A			_
IF P&A, LIST PLUGGING DETAILS: 25 sx from 619', 25 sxs. in and out of stub				-
plug.			SASI SULTAL	, u -
				-
		 		-

New Mexico State "G" #2 SE/4 SW/4 Sec. 7-18S-34E Lea County, New Mexico

SURFACE

500_

1000

1500

2000

2500

3000

3500

4000_

4500

500Q

5500

6000

6500

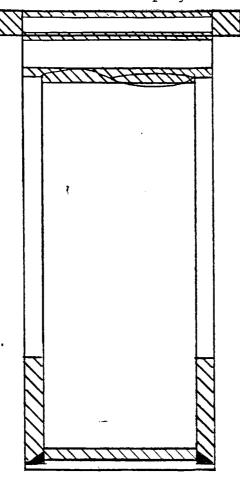
700Q

750Q

_0008

8500

10 sack surface plug



T.D. 4388'

13-3/8" surface casing set at 247' with cement circulated 25 sxs. at 250'

25 sxs. in & out of stub at 619' Casing cut & pulled from 619'

Calculated top of cement at 3300'

25 sxs. at 4349' Open Hole 4355-4388'

5-1/2" casing set at 4355'

 \square

OPERATOR: Chevron	_ LEASE: _ Lea "	XA" State	
WELL NO.: 4 FOOTAGE: 990'	FSL & 1650' FWL	SECTION: 7-18S-34E	N N
TUBULAR	DATA		
SURFACE CASING			
SIZE: 13-3/8" 48# ' TOC: Surface FEET	CEMENTED WITH: DETERMINED BY:	500	_sx.
HOLE SIZE: 17-1/2"	SETTING DEPTH:	510'	
INTERMEDIATE CASING			
SIZE: 8-5/8" 24#	CEMENTED WITH: DETERMINED BY:	1000	_sx.
TOC: Surface FEET HOLE SIZE: 11"	SETTING DEPTH:	3350'	
LONG STRING			
SIZE: 5-1/2" 15.5 & 17# TOC: Surface FEET	CEMENTED WITH:	2050	_sx.
HOLE SIZE: 7-7/8"	SETTING DEPTH:	9600'	
TOTAL DEPTH: 9600' PRODUCING	INTERVAL		
FORMATION: Bone Springs	POOL OR FIELD: M	escalero Escarpe Bo	ne Sprin
	COMPLETION DATE: EET TO 9380		FEET
STIMULATION: 23,500 gallons acid	EET 10		<u></u>
OTHER PERFORATED ZONES: None			
			
	STATUS		
WHAT IS CURRENT STATUS OF WELL? Pum			
IF P&A, LIST PLUGGING DETAILS:			
		 	

OPERATOR: Sunray DX Oil Co.	LEASE: New Me	exico State H	
VELL NO.: 1 FOOTAGE: 1980)' FEL & 660' FSL	SECTION: 7-18S-34	<u> </u>
· 			 -
TUBULAF	R DATA		
URFACE CASING			
IZE: 13-3/8" 36#	CEMENTED WITH:	250	_sx.
OC: Surface FEET OLE SIZE: 17-1/2"	DETERMINED BY:	Circulation	
	SETTING DEFIN:		·
NTERMEDIATE CASING			
IZE: None	CEMENTED WITH:_		_sx.
OC:FEET	DETERMINED BY:_		
OLE SIZE:	SETTING DEPTH:_		
ONG STRING			
IZE: 5-1/2" 14#	CEMENTED WITH:	150	SX.
IZE: 5-1/2" 14# OC: 3600 (estimated) FEET	CEMENTED WITH:	Calculation	
OLE SIZE: 8"	SETTING DEPTH:	4390'	
OTAL DEPTH: 4410'	G INTERVAL		
			_
ORMATION: Queen	POOL OR FIELD: COMPLETION DATE	E-K Yates Seven Rive	ers Qu
PUD DATED: 9/11/55 FERFORATED: Open Hole 4390 F	FEET TO 4410	•10/22/55	FEET
	<u> </u>		_
TIMULATION: 10,000 gallons oil and	15,000# sand		
THER PERFORATED ZONES: None			
CURRENT	r status		
THAT IS CURRENT STATUS OF WELL? P	&A		
F P&A, LIST PLUGGING DETAILS: 25 sx: 25 sxs. 3100-3230', 25 sxs. 915-1015	s. 4300-4404', cu ', 25 sxs. 150-25	t & pull casing from 0', 10 sxs. surface	m 997 ' plug
			

SURFACE

500.

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500_

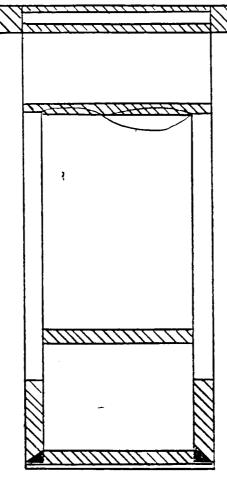
7000

750Q

20008

8500

10 sack surface plug



T.D. 4410'

13-3/8" surface casing set @ 245' with cement circulated

25 sxs. 150-250'

25 sxs. 915-1015' Cut & pull casing from 997'

25 sxs. 3100-3230'

Calculated top of cement at approx. 3600'

25 sxs. 4300-4404' Open hole 4390-4410'

5'1/2 production casing set at 4390'

OPERATOR: Perry R. Bass	LEASE: State	of New Mexico	
WELL NO.: 1 FOOTAGE: 660'	FSL & 660' FEL	SECTION: 7-18S-34E	P
TUBULAR	DATA		
SURFACE CASING			
SIZE: 9-5/8" 40# TOC: Surface FEET	CEMENTED WITH:	400 Circulation	sx.
TOC: Surface FEET HOLE SIZE: 13-3/4"	SETTING DEPTH:	352.73	
INTERMEDIATE CASING			
SIZE: None TOC: FEET HOLE SIZE:	DETERMINED BY:		sx.
LONG STRING			
TOC: 2865 FEET		400 Temp. Survey 4434.50'	sx.
	INTERVAL	F-V Vator Sover Biver	a Oues
FORMATION: Queen SPUD DATED: 12/30/55	COMPLETION DATE	E-K Yates Seven River 1/22/56	s Quee
PERFORATED: 4376 F STIMULATION: 500 gallons acid, 10,00	EET TO 4389 O gallons crude		EET
OTHER PERFORATED ZONES: None			
CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WELL? P&A			
IF P&A, LIST PLUGGING DETAILS: CIBP @ 50 sxs @ 1900-2100', 50 sxs. @ 1185-1 surface plug.			
			_

SURFACE

500_

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500

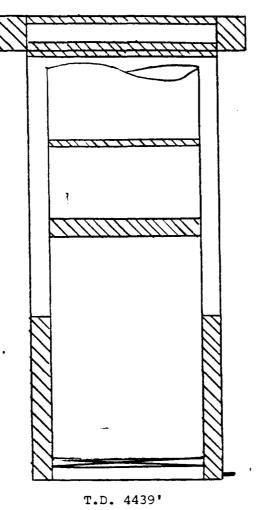
7000

750Q

0008

8500

20 sack surface plug



9-5/8" surface casing set at 352.73' with cement circulated 45 sxs. 300-400' Casing cut and pulled at 486'

50 sxs. 1185-1232'

50 sxs. 1900-2100'

Top of cement at 2865'

CIBP at 4350' with 35' cement on plu Perforations 4376-4389'

5-1/2" production casing set at 4434.5'



OPERATOR: J. Cecil Rhode	<u>s</u>	LEASE: Jere		
WELL NO.: 2	FOOTAGE: 660'	FNL & 1980' FEL	SECTION: 8-18S-34	E B
	TUBULAR	DATA		
SURFACE CASING				
SIZE: 8-5/8" 24# TOC: Surface HOLE SIZE: 11"	,	CEMENTED WITH:	300	sx.
TOC: Surface HOLE SIZE: 11"	FEET	DETERMINED BY:	Circulation	
INTERMEDIATE CASING				
SIZE: None TOC:	- Inca	CEMENTED WITH:_		sx.
TOC: HOLE SIZE:	FEET	DETERMINED BY:		
				
LONG STRING				
SIZE: None	·	CEMENTED WITH:		_sx.
TOC:	FEET	DETERMINED BY:_		
HOLE SIZE: TOTAL DEPTH:		SETTING DEPTH:	·····	
				
	PRODUCING	INTERVAL		
FORMATION: None		POOL OR FIELD:		
SPUD DATE:		COMPLETION DATE	·	
PERFORATED:	F	EET TO		FEET
STIMULATION: None				
OTHER PERFORATED ZONES:				
				
	CURRENT	STATUS		
WHAT IS CURRENT STATUS (OF WELL? P&A	·		
IF P&A, LIST PLUGGING DE	ETAILS: 35 eye	:- 4226 - 4126‡. 35	sxs. 2960-2860!	
35 sxs. 1925-1825', 35				
				

Jere #2 NW/4 NE/4 Sec. 8-18S-34E Lea County, New Mexico



10 sack surface plug SURFACE 8-5/8" surface casing set at 355' with cement circulated 500_ 35 sxs. plug 270-370 ... 1000 1500 2000 35 sxs. plug 1825-1925' 2500 3000 35 sxs. plug 2860-2960' 3500 4000 35 sxs. plug 4126-4226' 4500 TD 4487 500Q 5500 . 6000 6500 7000 Cement 750Q 8000

8500



PERATOR: Ray Westall	LEASE: Joanni	ie	
VELL NO.: 1 FOOTAGE: 66	0' FNL & 1980' FWI	SECTION: 8-18S-34E	E C
	R DATA		
	R DATA		
SURFACE CASING			
SIZE: 13-3/8" 35.6# FEET	CEMENTED WITH:	450	sx.
COC: Surface FEET HOLE SIZE: 17-1/2"	SETTING DEPTH:	318'	· · · · · · · ·
INTERMEDIATE CASING	_		
SIZE: 8-5/8" 24 & 32#	CEMENTED WITH:	250	sx.
FOC: Unknown FEET HOLE SIZE: 11"	CEMENTED WITH:	Unknown	
HOLE SIZE: 11"	SETTING DEPTH:	3262	
LONG STRING			
SIZE: 4-1/2" 9.5#	CEMENTED WITH:	400	sx.
roc: Unknown FEET	CEMENTED WITH: DETERMINED BY:	Unknown	
HOLE SIZE: 7-7/8"	SETTING DEPTH:	4658'	
PRODUCIN	- G INTERVAL		
		E-K Yates Seven Riv	ers Que
SPUD DATED: 7/25/73	COMPLETION DATE	E-K Yates Seven Riv	
PERFORATED: 4304	FEET TO 4	538	FEET
STIMULATION: 1000 gallons 15% acid,	. 20,000 gallons 9	# brine & 40,000# 2	0/40 sai
OTHER PERFORATED ZONES: None			
CURREN	IT STATUS		
WHAT IS CURRENT STATUS OF WELL?	Pumping oil well		
WILL IN COUNTYL BIRIOR OF MEDIE			
IF P&A, LIST PLUGGING DETAILS:	· · · · · · · · · · · · · · · · · · ·		

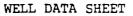
OPERATOR:	Ray Westall		LEASE:	Joann	ie	`
WELL NO.:	4	FOOTAGE: 660'	FNL & 990	FWL	SECTION: 8-18S-34E	D
		TUBULAR	DATA			
SURFACE CASI	ING					
SIZE: 8	- 5/8 " 20#		CEMENTED W	TH:	275	_sx.
roc: s	urface 11"	FEET	DETERMINED	BY:	Circulation	
HOLE SIZE:			SETTING DE	PTH:	325	
INTERMEDIATI	E CASING					
SIZE: N	one		CEMENTED W	ITH:	·	SX.
TOC:		FEET	DETERMINED	BY:		
HOLE SIZE:			SETTING DE	PTH:		
LONG STRING	•					
SIZE: 4-1/	2" 10.5# & 5-	-1/2" 15.5#	CEMENTED W	ITH:	600	SX.
TOC: Unkn	own	FEET	DETERMINED	BY:	Unknown	
HOLE SIZE:	7 - 7/8"	-1/2" 15.5# FEET	SETTING DE	PTH:	Unknown 4502	
TOTAL DEPTH				-		
		PRODUCING	INTERVAL			
FORMATION:	Queen		POOL OR FI	ELD: E	E-K Yates Seven Rive	rs Qu
	11/13/73		COMPLETION	DATE:	E-K Yates Seven Rive : 11/27/73	
PERFORATED:	4324	FE	ET TO	433	34	FEET
STIMULATION	:500 gallo	ons acid				
						
OTHER PERFO	RATED ZONES:_					
					······································	
		CURRENT	STATUS			
WHAT IS CUR	RENT STATUS C	F WELL? Pi	imping oil	well		
Ir P&A, LIS	T PROGRESS DE	TAILS:				
						



PERATOR: Ray Westall	LEASE: Joannie	2	
FOOTAGE: 99	90' FWL & 1650' FNL	SECTION: 8-18S-34E	E
			
TUBULA	AR DATA		
SURFACE CASING			
SIZE: 10-3/4" 32.75#	CEMENTED WITH: DETERMINED BY: C	250	_sx.
OC: Surface FEET OLE SIZE: 15"	DETERMINED BY: C	irculation	
OLE SIZE: 15"	SETTING DEPTH:	365'	
NTERMEDIATE CASING		•	
SIZE: None	CEMENTED WITH:		sx.
COC:FEET	CEMENTED WITH: DETERMINED BY:		
MOLE SIZE:	_ SETTING DEPTH:		
LONG STRING			
SIZE: 4-1/2" 9.5#	CEMENTED WITH:	300	sx.
COC: Unknown FEET	DETERMINED BY:	Unknown	
HOLE SIZE: 8-3/4"	SETTING DEPTH:	4421'	
TOTAL DEPTH: 4431' PRODUCI	- NG INTERVAL		
FORMATION: Queen	POOL OR FIELD: E	-K Vates Seven Rive	re Oue
SPUD DATED: 4/22/74	COMPLETION DATE:	5/7/74	<u> </u>
PERFORATED: 4360	FEET TO 4370	<u> </u>	FEET
STIMULATION: 500 gallons 15% acid			<u>#</u>
OTHER PERFORATED ZONES: None			
CURRE	NT STATUS		
WHAT IS CURRENT STATUS OF WELL? Pu	umping oil well		
IF P&A, LIST PLUGGING DETAILS:		· · · · · · · · · · · · · · · · · · ·	
IF P&A, LIST PLUGGING DETAILS:			



OPERATOR: Ray Westall	LEASE: Joannie	<u> </u>	
WELL NO.: 5 FOOTAGE: 1650	O' FNL & 1980' FWL	SECTION: 8-185-	-34EF
			
TUBULA	R DATA		
SURFACE CASING			
SIZE: 8-5/8" 24#	CEMENTED WITH:	300	sx.
SIZE: 8-5/8" 24# FOC: Surface FEET SOLE SIZE: 11"	DETERMINED BY: C.	irculation	
	SETTING DEPTH:	365.	
NTERMEDIATE CASING			
SIZE: None	CEMENTED WITH: DETERMINED BY:		sx.
OC:FEET			
HOLE SIZE:	SETTING DEPTH:		
LONG STRING			
SIZE: 5-1/2" 14#	CEMENTED WITH:	175	sx.
roc: Unknown FEET	DETERMINED BY:	Unknown	
HOLE SIZE: 7-7/8"	SETTING DEPTH:	4419'	
PRODUCING	G INTERVAL		
FORMATION: Queen	POCL OR FIELD: E	-K Yates Seven F	Rivers Que
	COMPLETION DATE: FEET TO 43		FEET
STIMULATION: 500 gallons 15% acid, 20,000# 20/40 sand			
OTHER PERFORATED ZONES: None			
CURPEN	T STATUS		
WHAT IS CURRENT STATUS OF WELL? Pu	mbrud oir meir		·
IF P&A, LIST PLUGGING DETAILS:			



OK

IETT NO . 1			State	
ELL NO.: 1	FOOTAGE: 1030	130 & 2100 10.	SECTION: 0 103-34E	
				
	TUBULAR	DATA		
JRFACE CASING				
IZE: <u>8-5/8"</u> 24#	?	CEMENTED WITH:	250	SX.
OC: Surface	FEET	DETERMINED BY:	250 Circulation	
OC: Surface OLE SIZE: 12-1/4"		SETTING DEPTH:	401'	
NTERMEDIATE CASING				
IZE: None		CEMENTED WITH:		SX.
SIZE: None	FEET	DETERMINED BY:		
OLE SIZE:		SETTING DEPTH:		
ONG STRING				
None OC:		CEMENTED WITH:		SX.
OC:	FEET	DETERMINED BY:		
HOLE SIZE:		SETTING DEPTH:		
TOTAL DEPTH:				
	PRODUCING			
FORMATION: None		POOL OR FIELD:		
SPUD DATE:		COMPLETION DATE	:	
PERFORATED:	F	EET TO		FEET
STIMULATION:				
			- MT	
OTHER PERFORATED ZONES:		· · · · · · · · · · · · · · · · · · ·		
		 		
	CURRENT	כיישיווכ		
NIAM TO CUIDDENIM CMAMUO				
WHAT IS CURRENT STATUS	 			
IF P&A, LIST PLUGGING Dat 450', 10 sxs. surface				s.
ac 300 , 10 SAS. Sullac	- Pray.			

July make

OL

E-K 8 State #1 NW/4 SE/4 Sec. 8-18S-34E Lea County, New Mexico

J

SURFACE

500

1000

1500

2000

2500

3000

3500_

4000

4500

5000

5500

6000

6500

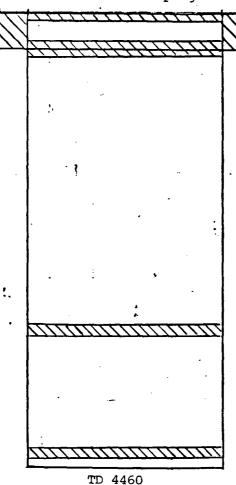
7000

750Q

8000

8500

10 sacks surface plug



8-5/8" surface casing set at 401' with cement circulated . . .

25 sxs. plug at 450 th

25 sxs. plug at 3150'

25 sxs. plug at 4400 s

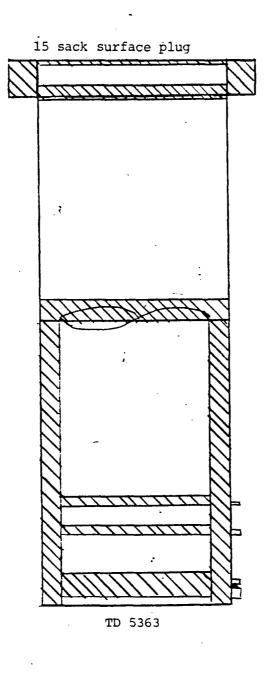
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Cement

outelle mile

OPERATOR: Richarson & Bass	LEASE: State of New Mexico Lease E-5014
WELL NO.: 3 FOOTAGE: 1980)' FWL & 1980' FSL SECTION: 8-185-34E K
TUBULAR	DATA
SURFACE CASING	
SIZE: 8-5/8" 24# TOC: Surface FEET HOLE SIZE: 12"	CEMENTED WITH: 260 SX.
TOC: Surface FEET	DETERMINED BY: Circulation
HOLE SIZE: 12"	SETTING DEPTH: 349.29'
INTERMEDIATE CASING	
SIZE: None	CEMENTED WITH: SX.
TOC: FEET	CEMENTED WITH: SX. DETERMINED BY:
HOLE SIZE:	SETTING DEPTH:
LONG STRING	
SIZE: 5-1/2" 17#	CEMENTED WITH: 600 SX.
TOC: 2577 FEET	DETERMINED BY: Temp. Survey
HOLE SIZE: 7-7/8"	SETTING DEPTH: 5362'
TOTAL DEPTH: 5363'	
PRODUCING	; INTERVAL
FORMATION: None	POOL OR FIELD:
SPUD DATE: PERFORATED:	COMPLETION DATE: FEET TO FEET
STIMULATION:	
OTHER PERFORATED ZONES: 5324-5334',	5306-5318', 5272-5283', 4615-4630'
CURRENT	C STATUS
WHAT IS CURRENT STATUS OF WELL? P	
IF P&A, LIST PLUGGING DETAILS: Squeez	zed peris. 5324-5334 with 75 sxs.
Squeezed perfs. 5306-5318 with 100 sx 75 sxs. Squeezed perfs. 4615-4630 w	ith 50 sxs. Squeezed perfs. 4394-4416
with 50 sxs. Cut casing at 2500'.	50 sxs. plug at 2333-2495', 50 sxs. plug
at 215-368'. 15 sxs. plug at surface	

State of New Mexico Lease E-5014 #3 NE/4 SW/4 Sec. 8-18S-34E K Lea County, New Mexico



8-5/8" surface casing set at 349.29' with cement circulated

50 sxs. plug from 215-368'

50 sxs. plug from 2333-2495'
Casing cut and pulled from 2500'

Perfs 4394-4416 squeezed w/50 sx: Perfs 4615-4630 squeezed w/50 sx: Perfs. 5272-5283 squeezed w/75 s: Perfs. 5306-5318 squeezed w/100 Perfs. 5324-5334 squeezed w/75 s:

 $5 \rightarrow 1/2$ " casing set at 5362' with top of cement at 2577'.

Cement

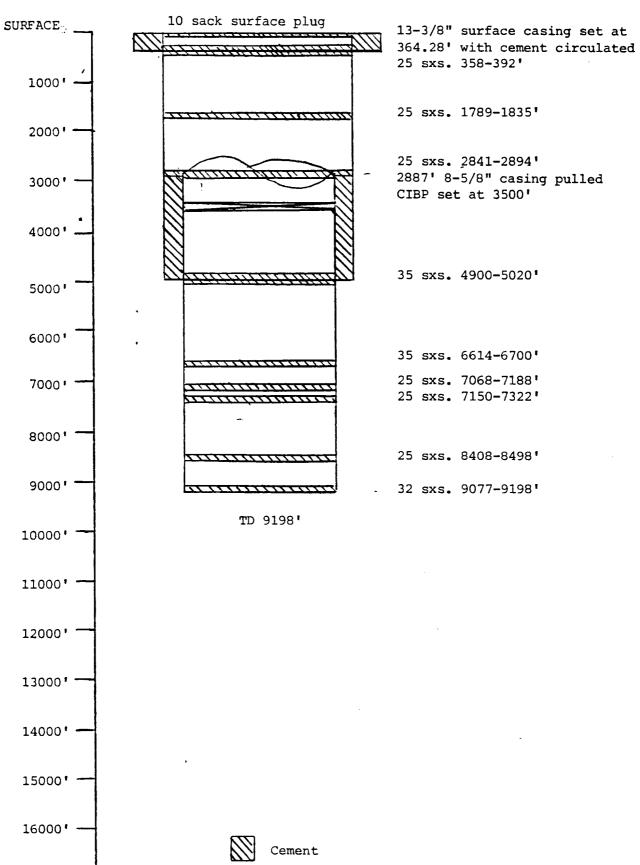
TUBULAR DATA SURFACE CASING SIZE: 8-5/8" 24# CEMENTED WITH: 760 SX. TOC: Surface FEET DETERMINED BY: Circulation HOLE SIZE: 11" SETTING DEPTH: 1701' INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH: LONG STRING SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX. DETERMINED BY: Calculation HOLE SIZE: 7-7/8" CEMENTED WITH: 4800' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen Syludation: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well IF PGA, LIST PLUGGING DETAILS:	OPERATOR: Seely Oil Company	LEASE: Amoco State				
SURFACE CASING SIZE: 8-5/8" 24# . CEMENTED WITH: 760 SX. TOC: SURFACE FEET DETERMINED BY: Circulation HOLE SIZE: 11" SETTING DEPTH: 1701' INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH: LONG STRING SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX. TOC: 3400 (estimated) FEET DETERMINED BY: Calculation HOLE SIZE: 7-7/8" SETTING DEPTH: 4800' TOTAL DEPTH: 4800' PRODUCING INTERVAL FORMATION: Queen FOOL OR FIELD: E-K Yates Seven Rivers Queen SPUD DATED: 7/22/83 COMPLETION DATE: 8/29/83 PERFORATED: 4381 FEET TO 4606 FEET STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	WELL NO.: 1 FOOTAGE: 660'	FSL & 330'	FWL	SECTION:	8-18S-34E	<u> </u>
SIZE: 8-5/8" 24# CEMENTED WITH: 760 SX.	TUBULAR	DATA				
INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. TOC: FEET DETERMINED BY: HOLE SIZE: SETTING DEPTH: LONG STRING SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX. TOC: 3400 (estimated) FEET DETERMINED BY: Calculation HOLE SIZE: 7-7/8" SETTING DEPTH: 4800' TOTAL DEPTH: 4800' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen SPUD DATED: 7/22/83 COMPLETION DATE: 8/29/83 PERFORATED: 4381 FEET TO 4606 FEET STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping cil well	SURFACE CASING					
SIZE: None CEMENTED WITH: SX. TOC: FEET DETERMINED BY: HOLE SIZE: SETTING DEPTH: LONG STRING SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX. TOC: 3400 (estimated) FEET DETERMINED BY: Calculation HOLE SIZE: 7-7/8" SETTING DEPTH: 4800' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers QUESPUD DATED: 7/22/83 COMPLETION DATE: 8/29/83 PERFORATED: 4381 FEET TO 4606 FEET STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	SIZE: 8-5/8" 24# TOC: Surface FEET HOLE SIZE: 11"	CEMENTED WIDETERMINED SETTING DES	ITH: BY: PTH:	760 Circulati 1701'	on	_sx.
LONG STRING SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX. TOC: 3400 (estimated) FEFT DETERMINED BY: Calculation HOLE SIZE: 7-7/8" SETTING DEPTH: 4800' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers QUEEN SPUD DATED: 7/22/83 COMPLETION DATE: 8/29/83 PERFORATED: 4381 FEET TO 4606 FEET STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	INTERMEDIATE CASING					
SIZE: 4-1/2" 10.5# CEMENTED WITH: 350 SX. TOC: 3400 (estimated) FEET DETERMINED BY: Calculation HOLE SIZE: 7-7/8" SETTING DEPTH: 4800' TOTAL DEPTH: 4800' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers QUESPUD DATED: 7/22/83 COMPLETION DATE: 8/29/83 PERFORATED: 4381 FEET TO 4606 FEET STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	SIZE: None TOC: FEET HOLE SIZE:	CEMENTED WIDETERMINED SETTING DE	ITH: BY: PTH:			_sx.
TOTAL DEPTH: 4800' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen Completion Date: 8/29/83 PERFORATED: 4381 FEET TO 4606 FEET STIMULATION: 1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	LONG STRING					
PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates Seven Rivers Queen Pool of Field: E-K Yates Seve	HOLE SIZE: 7-7/8"	CEMENTED W DETERMINED SETTING DE	ITH: BY: C	350 Calculatio 4800	on	_sx.
PERFORATED:4381 FEET TO4606 FEET STIMULATION:1180 gallons acid, 30,000 gallons gelled water & 43,400# sand OTHER PERFORATED ZONES:None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL?Pumping oil well	FORMATION: Queen	POOL OR FI	ELD: E	C-K Yates	Seven Rive	rs Que
OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well	PERFORATED: 4381 F	EET TO	DATE:	_8/29/83 1606		FEET
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? Pumping oil well						<u>d</u>
WHAT IS CURRENT STATUS OF WELL? Pumping oil well	OTHER PERFORATED ZONES: None					
WHAT IS CURRENT STATUS OF WELL? Pumping oil well	CURRENT	STATUS				
			11			
						



OPERATOR: Forest Oil Corp.	LEASE: State-Sunray
WELL NO.: 1 FOOTAGE: 990	' FWL & 330' FSL SECTION: 8-18S-34E M
TUBULAR	DATA
SURFACE CASING	
SIZE: 13-3/8" 48# ' TOC: Surface FEET	CEMENTED WITH: 400 SX. DETERMINED BY: Circulation
	SETTING DEPTH: 364.28'
INTERMEDIATE CASING	
SIZE: 8-5/8" 32# TOC: Surface FEET HOLE SIZE: 11"	CEMENTED WITH: 1200 SX. DETERMINED BY: Circulation SETTING DEPTH: 4971'
LONG STRING	
	CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH:
TOTAL DEPTH: 9198'	
PRODUCING	G INTERVAL
SPUD DATE:	POOL OR FIELD: COMPLETION DATE: FEET
STIMULATION: None	
OTHER PERFORATED ZONES: None	
CURRENT	: STATUS
WHAT IS CURRENT STATUS OF WELL?	
as follows: 35 sxs. plug from 9198-90 plug from 7322-7150, 35 sxs. plug from	1 2887' of 8-5/8" casing. Set cement plug 77, 25 sxs. plug from 8498-8408, 50 sxs. m 7188-7068, 25 sxs. plug from 6700-6614, 3500, 25 sxs. plug from 2894-2841, 25 sxs.

State Sunray #1 SW/4 SW/4 Sec. 8-18S-34E Lea County, New Mexico



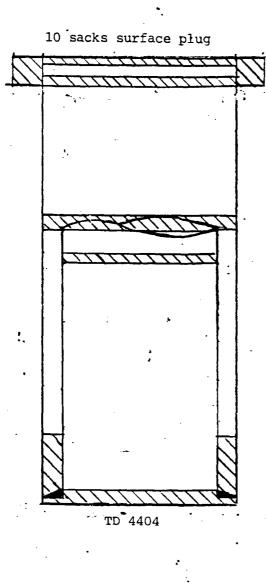


17000'

OPERATOR: Sunray DX Oil Co.	LEASE:New	Mexico "H" State	
VELL NO.: 2 FOOTAGE: 660	' FWL & 660' FS	L SECTION: 8-18S-34	<u> </u>
TUBULAF	R DATA		
SURFACE CASING			
SIZE: 13-3/8" 36# , FOC: Surface FEET	DETERMINED BY	: Circulation	_sx.
HOLE SIZE: 11" INTERMEDIATE CASING	SETTING DEPTH	: 243.16	
SIZE: None FEET HOLE SIZE:	CEMENTED WITH DETERMINED BY SETTING DEPTH	:	_sx.
LONG STRING			
SIZE: 5-1/2" 14# POC: 3640 FEET HOLE SIZE: 8" FOTAL DEPTH: 4404'	CEMENTED WITH DETERMINED BY SETTING DEPTH	150 Temp. Survey 4379	_sx.
PRODUCING FORMATION: Queen SPUD DATED: 3/19/56	FOOL OR FIELD	: E-K Yates Seven Riv	ers Qu
PERFORATED: Open Hole 4379'	FEET TO	4404	FEET
STIMULATION: 10,000 gallons refined	oil and 20,000	# sand	
OTHER PERFORATED ZONES: None			
CURREN	I STATUS		
WHAT IS CURRENT STATUS OF WELL? P&	A		
IF P&A, LIST PLUGGING DETAILS: 25 sx 25 sxs. 2010-1910', 25 sxs. 1650-155			

8000

8500



13-7/8" surface casing set at 243.16' with cement circulated. 25 sxs. at 145-245'

Casing cut off and pulled from 1640' 25 sxs. at 1550-1650'

25 sxs. at 1910-2010'

25 sxs. at 4300-4404' Open Hole 4379-4404

5'1/2" casing set at 4379' with top of cement at 3640

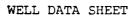
Cement

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OPERATOR: Seely Oil Company	LEASE: State	of New Mexico	
WELL NO.: 2 FOOTAGE: 1980	O' FWL & 660' FSL	SECTION: 8-18S-34E	: N
TUBULAF	R DATA		
	CDATA		
SURFACE CASING			
SIZE: 8-5/8" 24# , TOC: Surface FEET HOLE SIZE: 12"	CEMENTED WITH:	250	sx.
TOC: Surface FEET	DETERMINED BY:	Circulation	
HOLE SIZE: 12"	SETTING DEPTH:_	354.95'	
INTERMEDIATE CASING			
SIZE: None	CEMENTED WITH:		SX.
TOC: FEET	DETERMINED BY:		
	SETTING DEPTH:		
LONG STRING			
SIZE: 5-1/2" 17#	CEMENTED WITH:	400	SX.
	DETERMINED BY:		
	SETTING DEPTH:		
TOTAL DEPTH: 4477'			
PRODUCING	G INTERVAL		
FORMATION: Queen	DOOL OF ETELD.	F-V Vatos Covon Dive	are Oues
	COMPLETION DATE	E-K Yates Seven Rive	ers Quee
	FEET TO 4436		FEET
500	10 000 13	:1 - 20 000# 20/40	-
STIMULATION: 500 gallons 15% acid,	10,000 gallons o	011 & 20,000# 20/40 s	sand
OTHER PERFORATED ZONES: None			
orinent rate ordered bonds in those			
			-
CURRENT	I STATUS		
WHAT IS CURRENT STATUS OF WELL? Pu	mping oil well		
IF P&A, LIST PLUGGING DETAILS:			
			
			

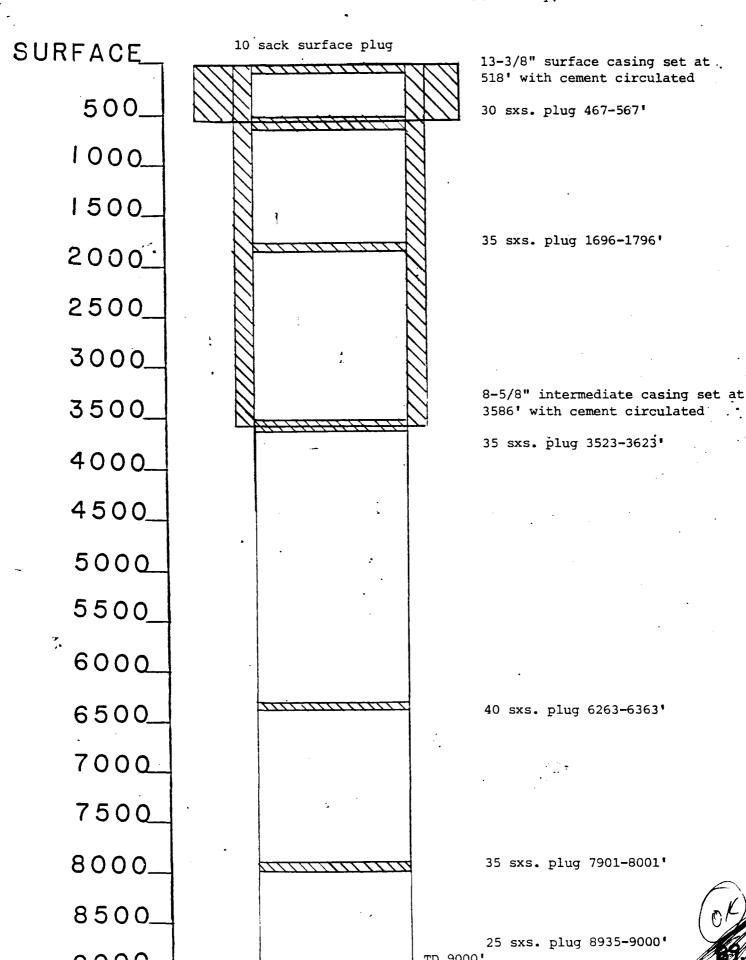
OPERATOR: Seely Oil Company	LEASE: St	ate BC	
WELL NO.: 1 FOOTAGE: 660	' FSL & 1980' F	EL SECTION: 8-18S-34	<u>le</u> o
TUBULAF	R DATA		
SURFACE CASING			
SIZE: 8-5/8" 24# ? FOC: Surface FEET	CEMENTED WITH	: 275	sx.
FOC: Surface FEET HOLE SIZE: 11"	DETERMINED BY SETTING DEPTH	: Circulation	
INTERMEDIATE CASING		3 (3 . 2)	
·····	CEMENTED WITH	•	SY
IZE: None FEET	DETERMINED BY	•	
HOLE SIZE:	SETTING DEPTH	:	
LONG STRING			
SIZE: 5-1/2" 14#	CEMENTED WITH	300	SX.
OC: 2800 (estimated) FEET OLE SIZE: 7-7/8"	DETERMINED BY	: 300 : Calculation : 4454'	
TOTAL DEPTH: 4456 PRODUCTNO	G INTERVAL		
FORMATION: Queen SPUD DATED: 1/23/57	COMPLETION DA	E-K Yates Seven Riv TE: 2/22/57	vers Que
PERFORATED: 4424	FEET TO 44	50	FEET
STIMULATION: 500 gallons acid, 15,0	000 gallons oil	& 15,000# 20/40 sand	1
OTHER PERFORATED ZONES: None			
	r status		
WHAT IS CURRENT STATUS OF WELL? Pur	mping oil well		
IF P&A, LIST PLUGGING DETAILS:			

OPERATOR: Seely Oil Company	_ LEASE:State	BC	
WELL NO.: 2 FOOTAGE: 660'	FSL & 660' FEL	SECTION: 8-18S	-34E P
TUBULAR	DATA		
SURFACE CASING			
SIZE: 8-5/8" 22.7# TOC: Surface FEET HOLE SIZE: 11"	CEMENTED WITH:	275	sx.
TOC: Surface FEET HOLE SIZE: 11"	DETERMINED BY:	Circulation	
	DETTING DETTIN-	3/3•2/	
INTERMEDIATE CASING			
SIZE: None	CEMENTED WITH:_		SX.
TOC: FEET	DETERMINED BY:		
HOLE SIZE:	bering bering_		
LONG STRING			
SIZE: 5-1/2" 14#	CEMENTED WITH:	300	sx.
SIZE: 5-1/2" 14# TOC: 2800 (estimated) FEET	DETERMINED BY:	Calculation	
HOLE SIZE: /-//8"	SETTING DEPTH:	4452.31	
TOTAL DEPTH: 4500'			
PP-02-19-2-19-2			
PRODUCING			
FORMATION: Queen SPUD DATED: 3/27/57	POOL OR FIELD:	E-K Yates Seven	Rivers Quee
SPUD DATED: 3/27/57 PERFORATED: 4405 F	COMPLETION DATE EET TO 4432	E:4/20/57	FEET
FERT ORATED; 4405	EEI 10 4432	<u> </u>	FEET
STIMULATION: 500 gallons acid, 15,00	O gallons lease	crude & 20,000#	20/40_sand
OTHER PERFORATED ZONES: None			
			
CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WELL? Pum	ping oil well		
IF P&A, LIST PLUGGING DETAILS:			



PERATOR: Amoco Produc	tion Co.	_ LEASE: _ Stat	e CN	
YELL NO.: 1	FOOTAGE: 198	0' FSL & 1980'	FELSECTION: 9-18S-34E	J
		<u></u>		
	TUBULAR	DATA		
URFACE CASING				
IZE: 13-3/8" 48#	7	CEMENTED WITH: DETERMINED BY:	550	_sx.
OC: Surface OLE SIZE: 17-1/2"	FEET	DETERMINED BY: SETTING DEPTH:	Circulation 518'	
NTERMEDIATE CASING		•		
IZE: 8-5/8" 32#		CEMENTED WITH:	400	sx.
OC: Surface- ; > >	FEET	DETERMINED BY:	Calculation Calculation	-
OLE SIZE: 12-1/4"		SETTING DEPTH:	3586 '	
ONG STRING				
IZE: None		CEMENTED WITH:		_sx.
OC:	FEET	DETERMINED BY: SETTING DEPTH:		
COTAL DEPTH: 9000'			***	
	PRODUCING	INTERVAL		
FORMATION: None		POOL OR FIELD:	Vacuum W.	
SPUD DATE: 10/28/84		COMPLETION DAT	E: 12/5/84	
PERFORATED: None	<u></u>	EET TO None		FEET
STIMULATION: Non	e			
OTHER PERFORATED ZONES:	None	,		
	OTTO DOME	STATUS		
	CURRENT			
WHAT IS CURRENT STATUS		&A		
	OF WELL? P		0-8935. 35 sxs. plug	from
WHAT IS CURRENT STATUS IF P&A, LIST PLUGGING D 8001-7901, 40 sxs. plug from 1796-1696, 30 sxs.	OF WELL? Property of the Prope	. plug from 900	from 3623-3523, 35 s	from





OPERATOR: Seely Oil Company	LEASE: State HS Com.
WELL NO.: 1 FOOTAGE: 1980	' FSL & 1980' FWL SECTION: 9-185-34E
TUBULAR	DATA
SURFACE CASING	
TOC: Surface FEET	CEMENTED WITH: 370 SX. DETERMINED BY: Circulation SETTING DEPTH: 400'
INTERMEDIATE CASING	
SIZE: 9-5/8" 40# TOC: Surface FEET HOLE SIZE: 12-1/4"	CEMENTED WITH: 5600 SX. DETERMINED BY: Circulation SETTING DEPTH: 5900'
LONG STRING	
SIZE: 5-1/2" 23# TOC: 3580 FEET HOLE SIZE: 8-3/4" TOTAL DEPTH: 13,745'	CEMENTED WITH: 3750 SX. DETERMINED BY: CBL SETTING DEPTH: 13.717'
PRODUCING	INTERVAL
FORMATION: Bone Springs SPUD DATE: 5/11/81 PERFORATED: 8050 F	POOL OR FIELD: COMPLETION DATE: 12/17/81 EET TO 8428 FEET
STIMULATION: 3000 gallons HCL	
OTHER PERFORATED ZONES: 11,110-11,12 11,446-11,469, 11,315-11,385	0, 10,548-578, 10,854-11004, 11,487-11,56
CURRENT WHAT IS CURRENT STATUS OF WELL? Te	
IF P&A, LIST PLUGGING DETAILS:	inpotatity abandoned.

OPERATOR: Ray Westall	LEASE: Joann	ie Shell	
WELL NO.: 1 FOOTAGE: 33	O' FNL & 330' FWL	SECTION: 16-18S	-34E
TUBULA	R DATA		
SURFACE CASING			•
SIZE: 8-5/8" 24#	CEMENTED WITH:	279	SX.
TOC: Surface FEET	DETERMINED BY:	Circulation	
	SETTING DEPTH:	325	
INTERMEDIATE CASING			
SIZE: None	CEMENTED WITH:		sx.
TOC: FEET HOLE SIZE:	DETERMINED BY:		
HOLE SIZE:	<i>DETTING DETTIN</i>	· · · · · · · · · · · · · · · · · · ·	
SIZE: 4-1/2" 10.5#	CEMENTED WITH:_	400 Calculation	sx.
TOC: 3000' (est.) FEET HOLE SIZE: 7-7/8"	DETERMINED BY:	4625'	
TOTAL DEPTH: 4682' PRODUCING	G INTERVAL		
FORMATION: Queen	POOL OR FIELD: H	K Yates-Seven Ri	vers-Ouee
SPUD DATE: 10/27/73	COMPLETION DATE:	11/9/73	
FORMATION: Queen SPUD DATE: 10/27/73 PERFORATED: 4418	FEET TO 4450		FEET
STIMULATION: Acid - 1500 gals. 15%, sand	Frac - 50,000 gal	ls. brine & 50,00	0# 20/40
OTHER PERFORATED ZONES: None			
	T STATUS		
WHAT IS CURRENT STATUS OF WELL? Pr	oducing from Queer	1	
IF P&A, LIST PLUGGING DETAILS:			
			

· l/

OPERATOR: The Atlantic Refining Co.	LEASE: St	ate "AJ"	 .
WELL NO.: 2 FOOTAGE: 330	* FNL & 1984.5*	FEISECTION: 17-18S	-34E B
TUBULAR	R DATA		
SURFACE CASING			
SIZE: 8-5/8" 18# '	CEMENTED WITH:	300	sx.
TOC: Surface FEET HOLE SIZE: 12-1/4"	DETERMINED BY:	Circulation	
INTERMEDIATE CASING			
SIZE: None TOC: FEET HOLE SIZE:	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:		sx.
LONG STRING			
SIZE: 5-1/2" 14, 15.5 & 17# TOC: 12' FEET HOLE SIZE: 7-7/8"	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	1400 Visual inspection 4495'	sx.
TOTAL DEPTH: 4496'			
PRODUCING	: INTERVAL		
SPUD DATE: 4/12/57	POOL OR FIELD: COMPLETION DATE EET TO 446	E-K Yates-Seven Ri E: 5/6/57	ivers-Quee
STIMULATION: 500 gallons 7-1/2% MCF sand	A acid, 2000 gal	lons oil and 2000#	20/40
OTHER PERFORATED ZONES:			
CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WELL? P&	A		
IF P&A, LIST PLUGGING DETAILS: 20 s	exs. 4250-4460',	20 sxs. 165-240',	

State "AJ" #2 NW/4 NE/4 Sec. 17-18S-34E Lea County, New Mexico

8-5/8" surface casing set at 336' with cement circulated

Perforations 4463-4469'

9000

10 sack surface plug TD 4496

20 sxs. 165-240 5-1/2" production casing set at 4495' with top of cement 12' from surface 20 sxs. 4250-4460'

Cement

OPERATOR:_	Seely Oil Com	npany	LEASE:	Santa I	e State		-
WELL NO.:_	1	FOOTAGE: 330'	FNL & 23	310' FWL	SECTION:	17-18S-34E	- C
		TUBULAR	DATA				-
SURFACE CAS	SING						
SIZE: 8-5 TOC: Sur	5/8" 24# face 11"	FEET	DETERMIN	ED BY:	Circulatio	n	• - -
INTERMEDIA	TE CASING						
SIZE: N TOC: HOLE SIZE:	Ione	FEET	DETERMIN	ED BY:			- -
LONG STRING	<u>3</u> '						
TOC: 340	./2" 10.5# 00 (estimated) 7-7/8"	FEET	CEMENTED DETERMIN SETTING	WITH: ED BY:_(DEPTH:	35 Calculatio 482	50 SX.	- -
	Queen	PRODUCING	POOL OR	FIELD:_I	E-K Yates: 11/8/85	Seven Rivers (Que
PERFORATED	: 1/5/85 : 4462	F1	EET TO_	4692	2	FEE	Ē
STIMULATIO	N: 20,200 gal	llons gel & 32	.000# sar	nd		<u> </u>	-
							-
OTHER PERF	ORATED ZONES:	None		-			<u>-</u>
		CURRENT	STATUS				
WHAT IS CU	RRENT STATUS C	F WELL? Pump	ing Oil W	Vell			
IF P&A, LI	ST PLUGGING DE	TAILS:					_
					· · · · · ·		-
							-

OPERATOR: The Ohio Oil Co.	LEASE: State EKA
WELL NO.: 6 FOOTAGE:	330' FNL & 1650' FWL SECTION: 17-185-34E C
TUBU	JLAR DATA
SURFACE CASING	
SIZE: 10-3/4" 32.75#	CEMENTED WITH: 250 SX.
TOC: Surface FEE HOLE SIZE: 13-3/4"	DETERMINED BY: Circulation SETTING DEPTH: 380.83'
INTERMEDIATE CASING	
SIZE: None TOC: FEE	CEMENTED WITH: SX. ET DETERMINED BY: SETTING DEPTH:
LONG STRING	
SIZE: 5-1/2" 15.5# TOC: 2700 FER HOLE SIZE: 8-3/4" TOTAL DEPTH: 4517'	CEMENTED WITH: 650 SX. ET DETERMINED BY: Temp. Survey SETTING DEPTH: 4516.50'
FORMATION: Oueen	CING INTERVAL POOL OR FIELD: E-K Yates Seven Rivers Quee COMPLETION DATE: 10/2/56
SPUD DATED: 8/24/56 PERFORATED: 4444	FEET TO 4464 FEET
STIMULATION: 500 gallons mud acid	, 10,000 gallons oil & 10,000 sand.
OTHER PERFORATED ZONES: None	
CUR	RENT STATUS
WHAT IS CURRENT STATUS OF WELL?	P&A
retainer and 50 sxs. above retain	ement retainer at 3818', spotted 50 sxs. below ter. Tagged cement at 3431. Cut & pulled ', 50 sxs. at 408', 10 sxs. surface plug.

State EKA #6
NE/4 NW/4 Sec. 17-18S-34E
Lea County, New Mexico

С

SURFACE

500_

1000

1500

2000

2500

3000

3500

4000_

4500

5000

5500

6000

6500

7000

750Q

2000

8500

10 sack surface plug

10-3/4" surface casing set at 380.83' with cement circulated

50 sxs. 308-408°

50 sxs. 717-817'
Cut and pulled casing from 778'

Top of cement at 2700'

Top of cement inside casing at 3431'

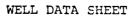
Cement retainer at 3818'
50 sxs. cement below retainer

Perforations 4444-4464'

5-1/2 production casing set at 4516.5'

Cement

OPERATOR: See	ely Oil Com	pany	LEASI	E:S1	tate	AJ	
WELL NO.: 1		FOOTAGE: 660'	FNL &	661.5'	FWL	SECTION: 17-1	8S-34E
		TUBULAR	DATA				
SURFACE CASING							
SIZE: 8-5/8' TOC: Surface HOLE SIZE: 12	<u> </u>	FEET	DETERM	INED BY	Y: (Circulation	<u> </u>
INTERMEDIATE C	ASING						
SIZE: None TOC: HOLE SIZE:		FEET	CEMENT: DETERM: SETTING	ED WITH INED BY G DEPTH	H: Y:		sx.
LONG STRING							
SIZE: 5-1/2" TOC: 1800 (est HOLE SIZE: 7-	15.5# timated) -7/8"	FEET	CEMENT: DETERM: SETTING	ED WITH INED BY G DEPTH	H:	1200 Calculation 4490'	SX.
TOTAL DEPTH:	4490'						
		PRODUCING	INTERV	AL			
FORMATION: QU	leen 2/26/86		POOL O	R FIEL	D: <u>E</u>	-K Yates Sever	Rivers Que
SPUD DATED: 2	4434	F	EET TO		44	46	FEET
STIMULATION:	500 gallons	acid, 10,000	gallon	s & 10	,000	# sand	
		·					
OTHER PERFORAT	ED ZONES:	None					
		CURRENT	STATUS				
WHAT IS CURREN	T STATUS C	F WELL? Pum	ping oi	l well	 -		
IF P&A, LIST P	LUGGING DE	TAILS:			<u></u>		





E

OPERATOR: The	Ohio Comp	pany	LEASE: S	tate EKA	
WELL NO.:	5	FOOTAGE: 660'	FWL & 1980' F	NL SECTION:	17-18S-34E
		TUBULAR	DATA		
SURFACE CASING	_				
SIZE: 10-3/4" TOC: Surrace		FEET	CEMENTED WITH DETERMINED BY	: Circulatio	n
HOLE SIZE:	13-3/4"		SETTING DEPTH	:367¹	
INTERMEDIATE C	ASING				
SIZE: None TOC: HOLE SIZE:		FEET	CEMENTED WITH DETERMINED BY SETTING DEPTH	:	
LONG STRING	•				
SIZE: None TOC: HOLE SIZE:		FEET	CEMENTED WITH DETERMINED BY SETTING DEPTH	:	sx.
TOTAL DEPTH:	4546				
		PRODUCING	INTERVAL		
FORMATION:	None		POOL OR FIELD):	
SPUD DATED: PERFORATED:		F	COMPLETION DA	TE:	FEET
STIMULATION:	None		· · · · · · · · · · · · · · · · · · ·		
OTHER PERFORAT	'ED ZONES:	None			

		CURRENT	STATUS		
WHAT IS CURREN	T STATUS C	F WELL? P&A			<u> </u>
IF P&A, LIST F from 467-267'	LUGGING DE	ETAILS: 150' c 200', 15' ceme	ement plug 454 nt plug at sur	16-4396', 200' face.	cement plug



State EKA #5 SW/4 NW/4 Sec. 17-18S-34E Lea County, New Mexico

SURFACE 15' surface plug 500 CIBP at 200' 1000 1500 2000 2500 3000 3500 4000 4500 150' cement plug 4396/4546' TD 4546 5000 5500 6000 Cement 6500 700Q 750Q 8000_

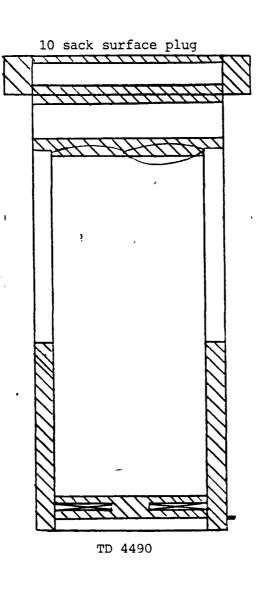
8500

10-3/4" surface casing set at 367' with cement circulated 200' cement plug 267-467'



OPERATOR: Seely Oil Company	LEASE: Santa	Fe State	
WELL NO.: 2 FOOTAGE: 330	0' FNL & 990' FEL	SECTION: 18-18S	-34E A
TUBULAF	R DATA		
SURFACE CASING			
SIZE: 8-5/8" 24# . TOC: Surface FEET HOLE SIZE: 11"	CEMENTED WITH:	700 Circulation	sx.
INTERMEDIATE CASING	SETTING DEFIN:	1700	
SIZE: None TOC: FEET HOLE SIZE:	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:		sx.
LONG STRING			
SIZE: 4-1/2" 10.5# TOC: 3000 (estimated) FEET HOLE SIZE: 7-7/8"	DETERMINED BY:	600 Calculation 4800'	SX.
TOTAL DEPTH: 4800'	_		
PRODUCING	G INTERVAL		
FORMATION: Queen SPUD DATED: 1/12/86	POOL OR FIELD:	E-K Yates Seven R : 8/1/86	ivers Queen
PERFORATED: 4400 F	FEET TO 4414		FEET
STIMULATION: 1000 gallons acid, 19,00	00 gallons & 21,0	00# sand	
	3		
OTHER PERFORATED ZONES: None			
CURRENT	r status		
WHAT IS CURRENT STATUS OF WELL? Pur	mping oil well		
IF P&A, LIST PLUGGING DETAILS:			

OPERATOR: Marathon Oil Company	LEASE: State EKA
WELL NO.: 3 FOOTAGE: 660	FNL & 660' FEL SECTION: 18-18S-34E A
TUBULAR	R DATA
SURFACE CASING	
SIZE: 10-3/4" TOC: Surface FEET HOLE SIZE: 13-3/4"	CEMENTED WITH: 200 SX. DETERMINED BY: Circulation SETTING DEPTH: 383.04'
INTERMEDIATE CASING	
SIZE: None TOC: FEET HOLE SIZE:	CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH:
LONG STRING	
SIZE: 7" 23# TOC: 2700 (estimated) FEET HOLE SIZE: 8-3/4"	CEMENTED WITH: 400 SX. DETERMINED BY: Calculated SETTING DEPTH: 4489'
TOTAL DEPTH: 4490°	
	G INTERVAL
FORMATION: Queen SPUD DATED: 2/14/56	POOL OR FIELD: E-K Yates Seven Rivers Queer COMPLETION DATE: 3/15/56
PERFORATED: 4414	FEET TO 4426 FEET
STIMULATION: 500 gallons acid, 10,000	gallons lease oil and 10,000# sand
OTHER PERFORATED ZONES: None	
CURRENT	T STATUS
WHAT IS CURRENT STATUS OF WELL? P&	
IF P&A, LIST PLUGGING DETAILS: Cemen	t retainer at 4350' with 40 sxs. below and led casing at 789', 50 sxs. at 655-755',



10-3/4 surface casing set at 383.04 with cement circulated 50 sxs. 340-440'

50 sxs. 655-755'
Casing cut and pulled from 789'

Top of cement calculated at 2700'

Cement retainer set at 4350° with 40 sxs. below retainer and 10 sxs. above retainer

Perforations 4414-4426'

7" production casing set at 4489'

Cement

OPERATOR: Marathon Oil Company	LEASE: State EKA
WELL NO.: 2 FOOTAGE: 660'	FNL & 1980' FEL SECTION: 18-185-34E
TUBULAR	DATA
SURFACE CASING	
SIZE: 10-3/4" 40.5# TOC: Surface FEET HOLE SIZE: 13-3/4"	CEMENTED WITH: 200 SX. DETERMINED BY: Circulation SETTING DEPTH: 348'
INTERMEDIATE CASING	
TOC: FEET	CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH:
LONG STRING	
SIZE: 7" 23# TOC: 2800 (estimated) FEET HOLE SIZE: 8-3/4"	CEMENTED WITH: 375 SX. DETERMINED BY: Calculation SETTING DEPTH: 4489'
TOTAL DEPTH: 4490'	
PRODUCING	INTERVAL
FORMATION: Queen	POOL OR FIELD: E-K Yates Seven Rivers Quee COMPLETION DATE: 10/31/55
SPUD DATED: 9/26/55 PERFORATED: 4430 F	COMPLETION DATE: 10/31/55 EET TO 4440 FEET
STIMULATION: 500 gallons acid, 10,000	gallons oil & 10,000# sand
OTHER PERFORATED ZONES: None	
CURRENT	STATUS
WHAT IS CURRENT STATUS OF WELL? PE	SA
	ent retainer at 4350' with 40 sxs. below her. Cut & pulled casing from 1884',
	, 20 3.00 5422400 5249.

В

State EKA #2 NW/4 NE/4 Sec. 18-18S-34E Lea County, New Mexico

SURFACE 10 sack surface plug 10-3/4" surface casing set at 348' with cement circulated 500 50 sxs. 330-430' 1000 1500 Cut and pull casing from 1884' 50 sxs. 1834-1934' 2000 2500 3000 Top of cement in annulus at 2800 (estimated) 3500 4000 Cement retainer set at 4350' with 40 sxs. below retainer and 4500 10 sxs. above retainer Perforations 4430-4440' TD 4490 ' 5000 7" production casing set at 4489' 5500 600Q Cement 6500 700Q

7500

20008

8500

A. C.	

· · · · · · · · · · · · · · · · · ·	**************************************	ENT 6 22701 FFF		2.45
ELL NO.: 3	FOOTAGE: 330.	ENT # 5310. EMP	SECTION: 18-18	-34E
	TUBULAR	DATA		
URFACE CASING	?			
IZE: 13-3/8" 40#		CEMENTED WITH:_	220	sx.
OC: Surface OLE SIZE: Unknown	FEET	DETERMINED BY: SETTING DEPTH:		
		SETTING DEPTH:_	240	
NTERMEDIATE CASING				
IZE: 8-5/8"		CEMENTED WITH:		sx.
OC: None OLE SIZE: Unknown	F'EET'	DETERMINED BY:		
•		SEITING DEPIR	1//3	
ONG STRING				
IZE: None			 	sx.
OC:	FEET	DETERMINED BY:		
TOTAL DEPTH: 4450'				
	PRODUCING	INTERVAL		
FORMATION: None		POOL OR FIELD:_	•	
SPUD DATE:		COMPLETION DATE	:	
PERFORATED:	`F	EET TO		FEET
STIMULATION: None				
OTHER PERFORATED ZONES:	None	· · · · · · · · · · · · · · · · · · ·		
	CURRENT	STATUS		
WHAT IS CURRENT STATUS (OF WELL? P	°&A		
THAT IS CURRENT STATUS OF P&A, LIST PLUGGING DE 1800', 8-5/8" casing wa	ETAILS: 10 sx		sxs. at 3100', 20	0 sxs. at



SURFACE

500

1000

1500_

2000

2500

3000

3500

4000

4500

5000

5500

6000

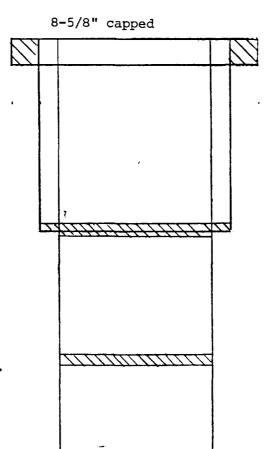
6500

7000

750Q

8000

8500



13-3/8" surface casing set at 240' with cement circulated

8-5/8" set at 1775' and mudded in 20 sxs. at 1800'

20 sxs. at 3100'

200

10 sxs. at 4000'

Cement

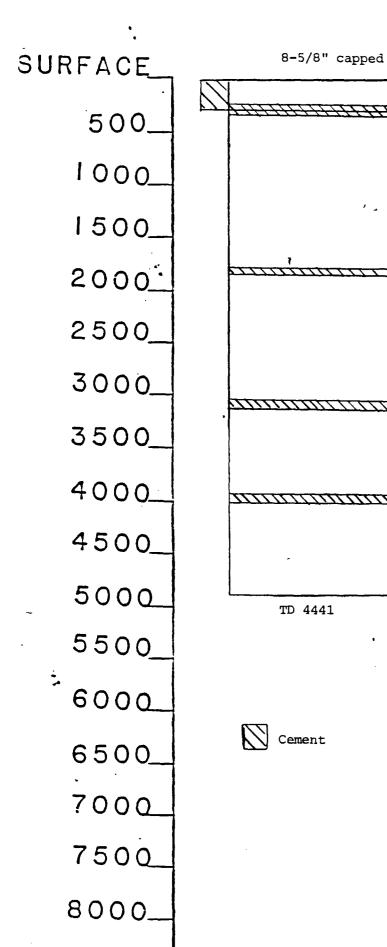
TD 4450





2			10 10+ 14-
IELL NO.: 2	FOOTAGE: 660'	FNL & 660' FWL	SECTION: 18-18S-34E
	TUBULAR	DATA	
URFACE CASING			
SIZE: 8-5/8" 24#	1	CEMENTED WITH:	175 SX
NOC: Surface	FEET	DETERMINED BY:	Circulation
HOLE SIZE: Unknown		SETTING DEPTH:_	299'
INTERMEDIATE CASING			
SIZE: None		CEMENTED WITH:	S
roc:	FEET	DETERMINED BY:	S:
HOLE SIZE:		SETTING DEPTH:	
LONG STRING			
SIZE: None		CEMENTED WITH: DETERMINED BY:	S
roc:	FEET	DETERMINED BY:	
HOLE SIZE:	-	SETTING DEPTH:	
TOTAL DEPTH: 4441'			
	PRODUCING	INTERVAL	
FORMATION: None SPUD DATE:		POOL OR FIELD:	
SPUD DATE:		COMPLETION DATE	Ξ:
PERFORATED:	,F'	EET TO	FE
STIMULATION: None			
OTHER PERFORATED ZONES:	None		
	CURRENT	STATUS	
WHAT IS CURRENT STATUS	OF WELL? P&A		
TE DEA LIST DINCCING D	ETATIS: 20 sys	at 4000', 20	sxs. at 3100', 20 sxs.





8500

3-5/8" surface casing set at 299' with cement circulated

15 sxs. at 330'

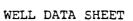
20 sxs. at 1800'

20 sxs. at 3100'

20 sxs. at 4000'

OPERATOR: Oryx	LEASE: Me	scalero Ridge	"C" Federal
WELL NO.: 1 FOOTAGE: 330	FNL & 330'	FWL SECTION:	18-18S-34E D
TUBULAR	DATA		······································
SURFACE CASING			
		rH:375	
TOC: Surface FEET HOLE SIZE: 17-1/4"		BY: Circulation TH: 365'	
INTERMEDIATE CASING			
SIZE: 8-5/8" 24 & 28#	CEMENTED WIT	TH: 1050	SX.
TOC: Surface FEET HOLE SIZE: 12-1/4"	DETERMINED E	BY: Circulation TH: 3300	7
LONG STRING			
	CEMENTED WIT	rh: 195	0 sx.
TOC: Surface FEET	DETERMINED I	BY: Circulatio	n SA.
HOLE SIZE: 7-7/8"		TH: 918	
PRODUCING	INTERVAL		
			carpe Bone Spring
	EET TO	DATE: 12/9/85 8890	FEET
STIMULATION: 7000 gallons of acid, 3 and 270,000 SCF nitrogen	4,000 gallon:	s Versagel and	34,500# sand
OTHER PERFORATED ZONES: None			
CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WELL? Pum	ping oil wel	1	
IF P&A, LIST PLUGGING DETAILS:			

OPERATOR: Santa Fe Exploration	LEASE: E-K Q	Queen Unit Tract 4	<u> </u>
WELL NO.: 1 FOOTAGE: 1980	' FNL & 660' FWL	SECTION: 18-18S-	-34E E
TUBULAR	DATA		
SURFACE CASING			
SIZE: 8-5/8" 24# TOC: Surface FEET HOLE SIZE: Unknown	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	Circulation	sx.
INTERMEDIATE CASING			
SIZE: None TOC: FEET HOLE SIZE:	DETERMINED BY:		
LONG STRING			
SIZE: 5-1/2" 15.5# TOC: 3800 (estimated) FEET HOLE SIZE: 7-7/8"	CEMENTED WITH: DETERMINED BY: SETTING DEPTH:	100 Calculation 4373	sx.
PRODUCING	INTERVAL		
FORMATION: Queen SPUD DATE: 12/20/54	POOL OR FIELD: H	E-K Yates-Seven R	ivers-Quee
PERFORATED: Open Hole 4373' - P	COMPLETION DATE	:2/13/55 1413	FEET
STIMULATION: None		· · · · · · · · · · · · · · · · · · ·	
OTHER PERFORATED ZONES: None			
CURRENT	STATUS		
WHAT IS CURRENT STATUS OF WELL? AC	tive water inject	tion well	
IF P&A, LIST PLUGGING DETAILS:			





1 100		-State	
ELL NO.: 1 FOOTAGE: 1980	J' FNL & 660' FEL	SECTION: 18-18S-34E	—— н
·			
TUBULAF	R DATA		
IRFACE CASING			
ZE: 13-3/8" 54.5#	CEMENTED WITH:	425	sx.
C: Surface FEET	DETERMINED BY: C	irculation	
LE SIZE: 17-1/2"	SETTING DEPTH:	409'	
TERMEDIATE CASING			
ZE: 8-5/8" 32#	CEMENTED WITH:	2700	sx.
C: Surface FEET	DETERMINED BY: C	2700 irculation	
LE SIZE: 12-1/4"	SETTING DEPTH:	52491	
ONG STRING			
ZE: 5-1/2" 17#	CEMENTED WITH:	1050	SX.
C: 5000 FEET	DETERMINED BY:	Temp. Survey_	
LE SIZE: 7-7/8"	SETTING DEPTH:	14,000'	
DTAL DEPTH: 14.002			
PRODUCTM			
	G INTERVAL		
ORMATION: Bone Springs	POOL OR FIELD: M	escalero Escarpe Bor	<u>ie S</u> pr
	COMPLETION DATE: FEET TO 8588		FEET
	0300		
IMULATION: 200 gallons 15% NEFE, 2	200 0 gallons 15% M	SR with 800 STF nitr	ogen/
THOUGHTON. 200 GATTONS 138 NEEE,	· · · · · · · · · · · · · · · · · · ·		
INCIDITION. 200 garrons 138 HEFE,			
THOURISTON. 200 GUITORS ID WEEL,			
THER PERFORATED ZONES: Morrow 13,446	5-13,686' acidized	w/3600 gals; Wolfca	qmı
THER PERFORATED ZONES: Morrow 13,4460,728-11,170' acidized w/8000 gals;	5-13,686' acidized Bone Springs 10,4	43-10,485' & 9682-969	91
THER PERFORATED ZONES: Morrow 13,446 0,728-11,170' acidized w/8000 gals; cidized w/11,000 gals & squeezed w/1	5-13,686' acidized Bone Springs 10,4	43-10,485' & 9682-969 ' & 8682-9036' acidi	91
THER PERFORATED ZONES: Morrow 13,4460,728-11,170' acidized w/8000 gals; cidized w/11,000 gals & squeezed w/1/9500 gals. & squeezed w/200 sxs; Qu	5-13,686' acidized Bone Springs 10,4	43-10,485' & 9682-969 ' & 8682-9036' acidi	91
THER PERFORATED ZONES: Morrow 13,446 0,728-11,170' acidized w/8000 gals; cidized w/11,000 gals & squeezed w/1 /9500 gals. & squeezed w/200 sxs; Qu	5-13,686' acidized Bone Springs 10,4 100 sxs; 8440-8470 neen 4420-4450' ac	43-10,485'& 9682-969 '& 8682-9036' acidi idized w/4000 gals.	91
THER PERFORATED ZONES: Morrow 13,446 0,728-11,170' acidized w/8000 gals; cidized w/11,000 gals & squeezed w/1 /9500 gals. & squeezed w/200 sxs; Qu	5-13,686' acidized Bone Springs 10,4 100 sxs; 8440-8470 Leen 4420-4450' ac	43-10,485'& 9682-969 '& 8682-9036' acidi idized w/4000 gals.	91
THER PERFORATED ZONES: Morrow 13,446 0,728-11,170' acidized w/8000 gals; cidized w/11,000 gals & squeezed w/1 /9500 gals. & squeezed w/200 sxs; Qu	5-13,686' acidized Bone Springs 10,4 100 sxs; 8440-8470 neen 4420-4450' ac T STATUS mporarily abandone	43-10,485'&9682-969 '&8682-9036'acidi idized w/4000 gals.	91
THER PERFORATED ZONES: Morrow 13,446 0,728-11,170' acidized w/8000 gals; Eddized w/II,000 gals & squeezed w/1 0/9500 gals. & squeezed w/200 sxs; Qu CURRENT	5-13,686' acidized Bone Springs 10,4 100 sxs; 8440-8470 neen 4420-4450' ac T STATUS mporarily abandone	43-10,485'&9682-969 '&8682-9036'acidi idized w/4000 gals.	91

OPERATOR: Santa Fe Exploration Inc.	LEASE: Lee Ra	inch	
WELL NO.: 1 FOOTAGE: 1650	0' FSL & 660' FEL	SECTION: 18-18	5-34E I
TUBULAF	R DATA		
SURFACE CASING	. 2		
,	CEMENTED WITH:	700	SX.
TOC: Surface FEET	CEMENTED WITH:	irculation	
HOLE SIZE: 12-1/4"	SETTING DEPTH:	<u> 1693' </u>	
INTERMEDIATE CASING			
SIZE: None FEET	CEMENTED WITH:		sx.
TOC: FEET HOLE SIZE:	DETERMINED BY:		
LONG STRING			
SIZE: None TOC: FEET	CEMENTED WITH:		SX.
HOLE SIZE:	SETTING DEPTH:		
TOTAL DEPTH: 4850'			
PRODUCING	G INTERVAL		
FORMATION: None	POOL OR FIELD: E	-K Yates-Seven R	ivers-Queen
SPUD DATED: 9/7/85	COMPLETION DATE:	9/17/85	•
	FEET TO		FEET
STIMULATION: None		<u> </u>	
		<u> </u>	
OTHER PERFORATED ZONES: None			
CURREN	r status		
WHAT IS CURRENT STATUS OF WELL? P	&A		
IF P&A, LIST PLUGGING DETAILS: 40 st 40 sxs. 1643-1743', 10' sxs. surface		sxs. 3400-3500	
			



Lea County, New Mexico

8500

8-5/8" surface casing set at 1693' with cement circulated

40 sxs. 1643-1743'

40 sxs. 3400-3500'

40 sxs. 4400-4500'



TUBULAR DATA SURFACE CASING SIZE: 10-3/4" 32.75# CEMENTED WITH: 200 SX. TOC: Surface FEET DETERMINED BY: Circulation HOLE SIZE: 13-3/8" SETTING DEPTH: 375' INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH: LONG STRING SIZE: None CEMENTED WITH: SX. DETERMINED BY: Calculation HOLE SIZE: SETTING DEPTH: LONG STRING SIZE: 7" 23# CEMENTED WITH: 380 SX. TOC: 3000 (estimated) FEET DETERMINED BY: Calculation HOLE SIZE: 8-3/4" SETTING DEPTH: 4539' TOTAL DEPTH: 4680' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Ou SPUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 SPUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 STIMULATION: 10,000 gallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? PEA IF PSA, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's 6xss. above retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement w/425 sxs. above retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement below retairer's cement retainer at 4380' & squeezed perfs. w/7c cement a	OPERATOR: Santa Fe Explorat	tion Inc.	_ LEASE: E-K	Queen Unit T	ract 9
SURFACE CASING SIZE: 10-3/4" 32.75# CEMENTED WITH: 200 SX. TOC: Surface FEET DETERMINED BY: Circulation SETTING DEPTH: 375' INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. LONG STRING SIZE: T" 23# CEMENTED WITH: 380 SX. TOC: 3000 (estimated) FEET DETERMINED BY: Calculation HOLE SIZE: 8-3/4" SETTING DEPTH: 4539' TOTAL DEPTH: 4680' PRODUCING INTERVAL FORMATION: Queen FOOL OR FIELD: E-K Yates-Seven Rivers-Queen SEUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? PSA IF PSA, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/7C cement below retainer & 6 Sxs. above retainer at 4700 G 4230', 20 sxs. 3200-332C	WELL NO.: 1 FO	OTAGE: 198	0' FSL & 1980' 1	FELSECTION:	18-18S-34E J
SURFACE CASING SIZE: 10-3/4" 32.75# CEMENTED WITH: 200 SX. NOC: Surface FEET DETERMINED BY: Circulation SETTING DEPTH: 375' INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH: SIZE: None CEMENTED WITH: SX. DETERMINED BY: SETTING DEPTH: COMMITTER SIZE: SETTING DEPTH: SETTING DEPTH: SY. COMMITTING SIZE: 7" 23# CEMENTED WITH: 380 SX. COMMITTING SIZE: SETTING DEPTH: 4539' NOC: 3000 (estimated) FEET DETERMINED BY: Calculation FOCI SIZE: 8-3/4" SETTING DEPTH: 4539' NOTAL DEPTH: 4680' PRODUCING INTERVAL PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Outed Structure Seven Depth: Setting Depth: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. W/7C cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-332C					
SURFACE CASING SIZE: 10-3/4" 32.75# CEMENTED WITH: 200 SX.					
CEMENTED WITH:		TUBULAR	DATA		
NTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. NOC: FEET DETERMINED BY: OOK SIZE: SETTING DEPTH: OOK STRING SIZE: 7" 23# CEMENTED WITH: 380 SX. NOC: 3000 (estimated) FEET DETERMINED BY: Calculation NOLE SIZE: 8-3/4" SETTING DEPTH: 4539' NOTAL DEPTH: 4680' PRODUCING INTERVAL PRODUCING INTERVAL PROPERTY SETTION DATE: 7/27/55 PERFORATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Out SPUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. W/7C cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3332C	URFACE CASING				
NTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. NOC: FEET DETERMINED BY: OOK SIZE: SETTING DEPTH: OOK STRING SIZE: 7" 23# CEMENTED WITH: 380 SX. NOC: 3000 (estimated) FEET DETERMINED BY: Calculation NOLE SIZE: 8-3/4" SETTING DEPTH: 4539' NOTAL DEPTH: 4680' PRODUCING INTERVAL PRODUCING INTERVAL PROPERTY SETTION DATE: 7/27/55 PERFORATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Out SPUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. W/7C cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3332C	TZF: 10.3/4# 22.75#		CEMENTED WITH.	200	cy
INTERMEDIATE CASING SIZE: None CEMENTED WITH: SX. NOC: FEET DETERMINED BY: NOCE SIZE: SETTING DEPTH: ONG STRING SIZE: None CEMENTED WITH: SX. ONG STRING SIZE: PEET DETERMINED BY: SETTING DEPTH: 380 SX. NOC: 3000 (estimated) FEET DETERMINED BY: Calculation NOC: SIZE: 8-3/4" SETTING DEPTH: 4539' NOTAL DEPTH: 4680' PRODUCING INTERVAL FORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Outer SEUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. W/7C cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-33320		FEET	DETERMINED BY:	Circulatio	n
CEMENTED WITH: SX. OCC: FEET DETERMINED BY: SETTING DEPTH: SIZE: 7" 23# CEMENTED WITH: 380 SX. OCC: 3000 (estimated) FEET DETERMINED BY: Calculation SOLE SIZE: 8-3/4" SETTING DEPTH: OTAL DEPTH: 4680' PRODUCING INTERVAL PRODUCING INTERVAL PRODUCING INTERVAL PROPORTION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen Pool of Field: Feet To Pool Pool Pool Pool Pool Pool Pool P	OLE SIZE: 13-3/8"		SETTING DEPTH:	375	1
OC: FEET DETERMINED BY: OLE SIZE: SETTING DEPTH: ONG STRING IZE: 7" 23# CEMENTED WITH: 380 SX. OC: 3000 (estimated) FEET DETERMINED BY: Calculation OLE SIZE: 8-3/4" SETTING DEPTH: 4539' OTAL DEPTH: 4680' PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Outled Production Date: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS THAT IS CURRENT STATUS OF WELL? P&A OF PAA, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	NTERMEDIATE CASING				
OC: FEET DETERMINED BY: OLE SIZE: SETTING DEPTH: ONG STRING IZE: 7" 23# CEMENTED WITH: 380 SX. OC: 3000 (estimated) FEET DETERMINED BY: Calculation OLE SIZE: 8-3/4" SETTING DEPTH: 4539' OTAL DEPTH: 4680' PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Outled Date: 6/24/55 COMPLETION DATE: 7/27/55 ERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	IZE: None		CEMENTED WITH:		SX.
ONG STRING IZE: 7" 23# CEMENTED WITH: 380 SX. OC: 3000 (estimated) FEET DETERMINED BY: Calculation OLE SIZE: 8-3/4" SETTING DEPTH: 4539' OTAL DEPTH: 4680' PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Query Poul Date: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 qallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS OTHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	oc:	FEET	DETERMINED BY:		
CEMENTED WITH: 380 SX. OC: 3000 (estimated) FEET DETERMINED BY: Calculation OLE SIZE: 8-3/4" SETTING DEPTH: 4539' OTAL DEPTH: 4680' PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Queen PUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 ERFORATED: 4472 FEET TO 4480 FEET TIMULATION: 10,000 gallons oil and 10,000# sand CURRENT STATUS THAT IS CURRENT STATUS OF WELL? PSA FF PSA, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	OLE SIZE:		SETTING DEPTH:		
OC: 3000 (estimated) FEET DETERMINED BY: Calculation OLE SIZE: 8-3/4" SETTING DEPTH: 4539' OTAL DEPTH: 4680' PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Outer Tool (1900) PORTON TO THE TOOL (1900) POOL OR FIELD: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? PSA IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3326	ONG STRING				
NOTAL DEPTH: 4680' PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Outer Tool (A472) FORMATION: 10,000 qallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? PSA IF PSA, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3326	SIZE: 7" 23#		CEMENTED WITH:	38	0 sx.
PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Quebul Date: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3326	OC: 3000 (estimated)	FEET	DETERMINED BY:	Calculati	on
PRODUCING INTERVAL ORMATION: Queen POOL OR FIELD: E-K Yates-Seven Rivers-Quent PUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 ERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 qallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS SHAT IS CURRENT STATUS OF WELL? PSA EF PSA, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/76 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3326	OLE SIZE: 8-3/4"		SETTING DEPTH:	453	9'
POOL OR FIELD: E-K Yates-Seven Rivers-Out DATE: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 gallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	OTAL DEPTH: 4680'				
SPUD DATE: 6/24/55 COMPLETION DATE: 7/27/55 PERFORATED: 4472 'FEET TO 4480 FEET STIMULATION: 10,000 qallons oil and 10,000# sand OTHER PERFORATED ZONES: None CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320		PRODUCING	INTERVAL		
PERFORATED: 4472 FEET TO 4480 FEET STIMULATION: 10,000 qallons oil and 10,000# sand CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380	FORMATION: Queen		POOL OR FIELD:	E-K Yates-S	even Rivers-Quee
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	SPUD DATE: 6/24/55				
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	ERF ORATED: 44/2		EEI IO	4480	FELL
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	TIMULATION: 10,000 gallo	ns oil and	10,000# sand		
CURRENT STATUS WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320					
CURRENT STATUS THAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320					
WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	OTHER PERFORATED ZONES:	None			
WHAT IS CURRENT STATUS OF WELL? P&A IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320					
IF P&A, LIST PLUGGING DETAILS: Cement retainer at 4380' & squeezed perfs. w/70 cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320		CURRENT	STATUS		
cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	WHAT IS CURRENT STATUS OF	WELL? P8	;A		
cement below retainer & 6 sxs. above retainer w/TOC @ 4230', 20 sxs. 3200-3320	TE DEA LIGH DINGGING DEMA	TIS. Coment	retainer at 13	801 £ smieez	ed perfs w/70 s
plug @ 60'.		······································			

SURFACE 10 sack surface plug 500 1000 1500 2000 2500 3000 to be 3000' 3500 20 sxs. 3200-3320' 4000 4500 4230'. Perforations 4472-4480' TD 4680' 500Q 5500 Cement 6000 6500 700a 750Q 0008 8500

E-K Queen Unit Tract 9 #1 NW/4 SE/4 Sec. 18-18S-34E J Lea County, New Mexico

10-3/4" surface casing set at 375' with cement circulated

4 squeeze holes at 425', cemented with 425 sxs. with top of cement inside casing at 329.

Top of cement in annulus estimated

Cement retainer at 4380' with 70 sxs. below retainer and 6 sxs. above retainer. Tagged cement at

7" production casing set at 4539'

OPERATOR: Santa Fe Explo	ration Inc.	LEASE: E-K	Queen Unit Tract	3
WELL NO.: 2	FOOTAGE: 198	0' FSL &1980'	FSL SECTION: 18-1	8S-34E K
	TUBULAR	DATA		
SURFACE CASING				
SIZE: 8-5/8" 24# TOC: Surface	- स्ट्रा	CEMENTED WITH	: 175	sx.
HOLE SIZE: Unknown	FEET	SETTING DEPTH	Circulation 311	
INTERMEDIATE CASING				
SIZE: None TOC: HOLE SIZE:	FEET	CEMENTED WITH DETERMINED BY SETTING DEPTH	:	SX.
LONG STRING				
SIZE: 5-1/2" 14# TOC: Unknown HOLE SIZE: Unknown	FEET	CEMENTED WITH DETERMINED BY SETTING DEPTH	: Unknown	sx.
TOTAL DEPTH: 4510'				
	PRODUCING	INTERVAL		
FORMATION: Queen SPUD DATE: 8/28/55 PERFORATED: 4440	,t.	POOL OR FIELD COMPLETION DA	: E-K Yates-Seven TE: 9/23/55	Rivers-Quee
STIMULATION: Unknown			4400	
OTHER PERFORATED ZONES:	None			
	CURRENT	'STATUS		
WHAT IS CURRENT STATUS OF	WELL? Act	ive water inje	ction well	
IF P&A, LIST PLUGGING DET	AILS:			
	 			