

R-2956

SIRGO-COLLIER, INC.

FORM C-108

SKELLY PENROSE B UNIT WELL NO. 2

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## APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose:  Secondary Recovery  Pressure Maintenance  Disposal  Storage  
Application qualifies for administrative approval?  yes  no

II. Operator: Sirgo-Collier, Inc.

Address: P. O. Box 3531, Midland, Texas 79702

Contact party: Victor J. Sirgo-Engineer Phone: (915) 685-0878

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

IV. Is this an expansion of an existing project?  yes  no  
If yes, give the Division order number authorizing the project R-2915.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

\* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

\*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

\* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

\* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

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

Name: Amy L. Whitley Title Agent

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\* 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. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

## XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

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

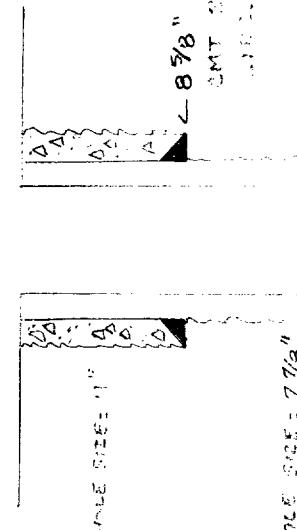
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

*PART III*

## INJECTION WELL DATA SHEET

SIDE 1

OPERATOR	LEASE		
SKELLY PENROSE B UNIT	SECTION	TOWNSHIP	RANGE
STIRGO-COLLIER, INC.	WELL NO. 2	FOOTAGE LOCATION 660' FNL 2310' FWL	32 T22S R37E

SchematicTabular DataSurface Casing

Size 8-5/8" " Cemented with 200 sx.  
 TOC Surface feet determined by circulation  
 Hole size 11"

Intermediate Casing

Size " " Cemented with 250 sx.  
 TOC " feet determined by "  
 Hole size "

Long string

The Queen zone will be re-evaluated & the existing perf's may be squeezed and a new set perforated.

Size 5-1/2" " Cemented with 250 sx.  
 TOC 2282 feet determined by Calculation  
 Hole size 7-7/8"  
 Total depth 3805'

(The 5-1/2" casing will be re-cemented to cover the anhydrite and salt sections)

Injection interval

3560 feet to 3715' feet  
 (perforated or ~~spaced~~, indicate which)

## INJECTION WELL DATA SHEET -- SIDE 2

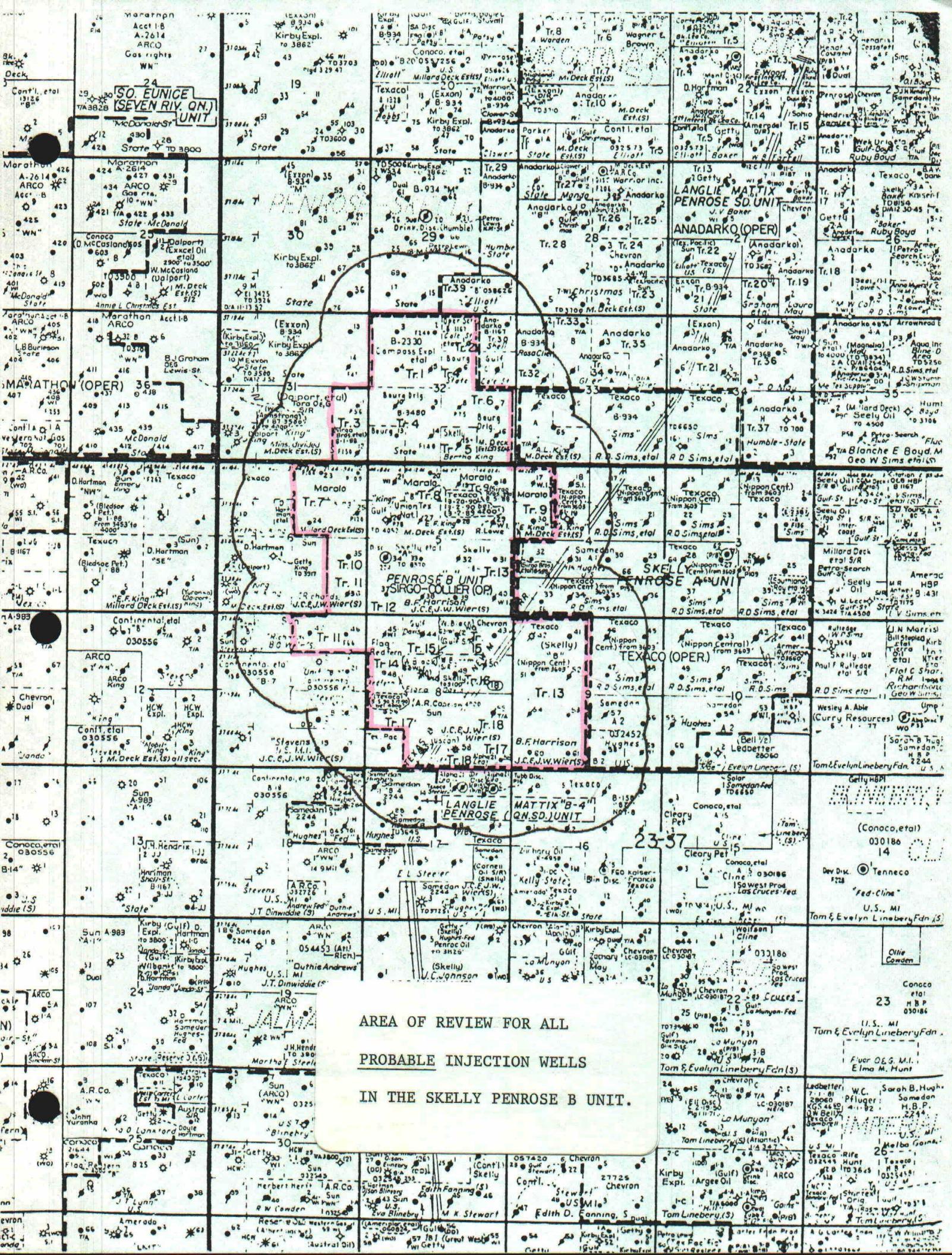
Tubing size 2-3/8" lined with Plastic set in a  
(material)  
Baker Model AD-1 packer at 3460 feet  
(brand and model)

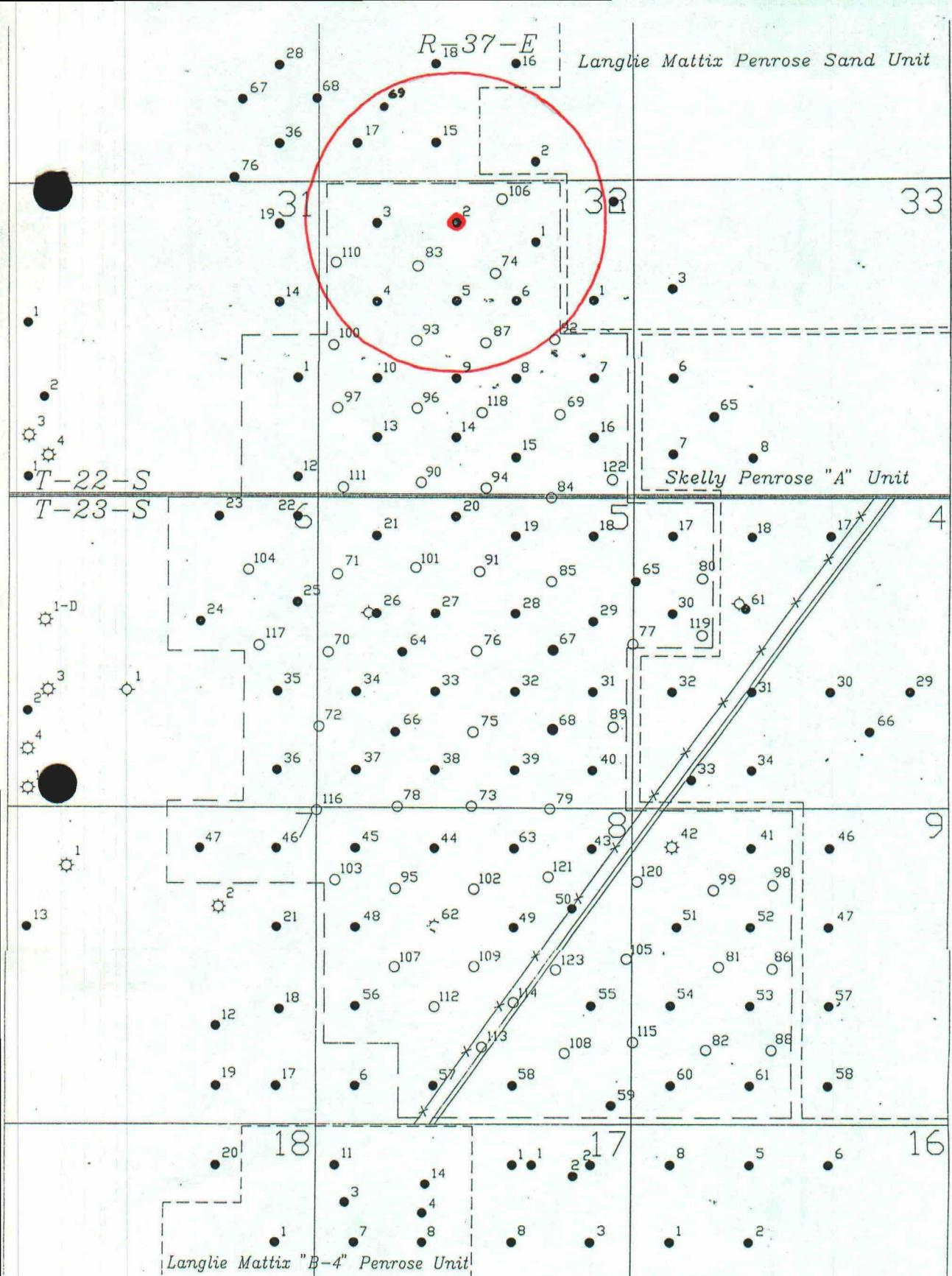
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Queen
  2. Name of Field or Pool (if applicable) Langlie Mattix (SR-Queen-Grayburg)
  3. Is this a new well drilled for injection?  Yes  No
- If no, for what purpose was the well originally drilled? Producer
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
  5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

PART V





AREA OF REVIEW FOR THE  
SKELLY PENROSE B UNIT  
WELL NO. 2

### REDEVELOPMENT PLAN

SIRGO - COLLIER, INC.

Penrose "B" Unit

Langlie Mattix 7 Rivers Queen Grayburg Field  
Lea County, New Mexico

Map Scale  
0 1000' 2000'

Date: 4-4-88

T. SCOTT HICKMAN & ASSOCIATES, INC.

The following wells fall in the area of review for the Skelly Penrose B Unit Well No. 2:

Sec. 29-22S-37E

LMPSU Tract 39 #2 - Anadarko Petroleum Corp.  
New Mexico "M" State #15 - Kirby Exploration Co. of Texas  
New Mexico "M" State #17 - Kirby Exploration Co. of Texas  
New Mexico "M" State #69 - Kirby Exploration Co. of Texas

Sec. 32-22S-37E

Skelly Penrose B Unit #1 - Sirgo-Collier, Inc.  
Skelly Penrose B Unit #3 - Sirgo-Collier, Inc.  
Skelly Penrose B Unit #4 - Sirgo-Collier, Inc.  
Skelly Penrose B Unit #5 - Sirgo-Collier, Inc.  
Skelly Penrose B Unit #6 - Sirgo-Collier, Inc.

PART VI

WELL DATA SHEETS

## SIRGO-COLLIER, INC.

WELL NAME: LMPSU Tr. 29 #1  
 LOCATION: 1670' FSL 330' FEL, Sec. 29-22S-37E, Unit I  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
15-1/2"	18"	70#	119'	100	calc. circulated
13"	16"	40#	481'	None	
10"	13"	40#	679'	None	
8"	10"	34#	1130'	None	
7"	8"	20#	3425'	250	calc. 198'

DATE DRILLED: 3-14-40

TD: 3680'

COMPLETION INTERVAL: 3500-3680 OH (SNG shot)

REMARKS: 3-12-86: repaired hole in casing 785-90' with 150 sx cmt. Tested okay.

WELL NAME: LMPSU Tr. 39 #1  
 LOCATION: 980' FNL 330' FEL, Sec. 29-22S-37E, Unit P  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	13-3/4"	32.75#	303'	125	calc. circulated
7"	8-3/4"	20#	3423'	550	calc. circulated

DATE DRILLED: 9-1-40

TD: 3628'

COMPLETION INTERVAL: 3628' OH (SNG shot)

REMARKS: 9-21-59: Ran 5-1/2" liner 17 &amp; 14# from 3367-3616'. Perf 3430-3616'.

9-1-67: Convert to WIW.

## SIRGO-COLLIER, INC.

WELL NAME: LMPSU Tr. 39 #2  
 LOCATION: 330' FSL 1650' FEL, Sec. 29-22S-37E, Unit 0  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	13-1/4"	36#	333'	300	circulated
7"	8-3/4"	20#	3534'	200	2295' T.S.

DATE DRILLED: 8-8-59  
 TD: 3650'  
 COMPLETION INTERVAL: 3525-3650' OH

REMARKS: 3-28-68: Deepen to 3682' with 6-1/4" bit and cable tools.

WELL NAME: New Mexico "M" State #15  
 LOCATION: 660' FSL 1980' FWL, Sec. 29-22S-37E, Unit N  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	9-7/8"	24#	332'	175	circulated
2-7/8"	6-3/4"	6.5#	3717'	200	calc. 2383'

DATE DRILLED: 9-23-59  
 TD: 3718' PBTD 3708'  
 COMPLETION INTERVAL: 3666-46'; 3630-24'

REMARKS: 9-21-65: Perf 3568, 3570, 3573, 3581, 3583, 3585, 3680, 3682, 3686, 3688 and convert to WIW.

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #17  
 LOCATION: 660' FSL 660' FWL, Sec. 29-22S-37E, Unit M  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	9-5/8"	26.4#	307'	175	circulated
2-7/8"	6-3/4"	6.5#	3725'	200	calc. 2391'

DATE DRILLED: 10-28-59

TD: 3725'

COMPLETION INTERVAL: 3670-90'; 3702-12'

REMARKS: 6-23-65: Re-perf 3588, 3590, 3604, 3614, 3617, 3634, 3637, 3644, 3650 and 3654. Ran 1-1/2" tubing and set @ 3677'.

WELL NAME: New Mexico "M" State #25  
 LOCATION: 1980' FSL 660' FWL, Sec. 29-22S-37E, Unit L  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	11"	24#	322'	150	calc. circulated
2-7/8"	6-1/4"	6.5#	3735'	200	calc. 2600'

DATE DRILLED: 9-1-60

TD: 3735'

COMPLETION INTERVAL: 3664-74'; 3689-95'

REMARKS: 6-23-65: Re-perf 3612, 3615, 3630, 3643, 3647 and 3650

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #64  
 LOCATION: 2620' FSL 20' FWL, Sec. 29-22S-37E, Unit L  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	327'	275	circ 100 sx
5-1/2"	7-7/8"	14 & 15.5#	3727'	395	1800'

DATE DRILLED: 7-27-72  
 TD: 3728'  
 COMPLETION INTERVAL: 3580-3697'

REMARKS:

WELL NAME: New Mexico "M" State #65  
 LOCATION: 2630' FSL 1330' FWL, Sec. 29-22S-37E, Unit K  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	322'	200	circ. 30 sx
5-1/2"	7-7/8"	15.5#	3678'	300	2400'

DATE DRILLED: 10-28-72  
 TD: 3680' PBTD 3668'  
 COMPLETION INTERVAL: 3533-3663'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #69  
 LOCATION: 1360' FSL 1220' FWL, Sec. 29-22S-37E, Unit L  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	320'	200	circ. 35 sx
5-1/2"	7-7/8"	14#	3749'	280	2500'

DATE DRILLED: 12-17-72  
 TD: 3749'  
 COMPLETION INTERVAL: 3546-3689'

REMARKS:

WELL NAME:  
 LOCATION:  
 OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD:  
 COMPLETION INTERVAL:

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #28  
 LOCATION: 1980' FSL 660' FEL, Sec. 30-22S-37E, Unit I  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7"	9-7/8"	20#	328'	175	circulated
2-7/8"	6-1/4"	6.5#	3749'	275	2600'

DATE DRILLED: 9-28-60  
 TD: 3750'  
 COMPLETION INTERVAL: 3696-3733'

REMARKS: 10-1-63: Re-perf 3603, 3607, 3620, 3629, 3634, 3661 and 3673.  
 Convert to WIW.

WELL NAME: New Mexico "M" State #36  
 LOCATION: 660' FSL 660' FEL, Sec. 30-22S-37E, Unit P  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7"	8-3/4"	26, 29 & 23#	294'	200	circulated
2-7/8"	6-1/8"	6.5 & 6.4#	3732'	250	2600'

DATE DRILLED: 4-19-61  
 TD: 3732'  
 COMPLETION INTERVAL: 3621-26, 3632-42, and 3651-56'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #39  
 LOCATION: 2200' FSL 1800' FEL, Sec. 30-22S-37E, Unit J  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7"	8-3/4"	20#	300'	200	circulated
2-7/8"	6-1/4"	6.4 & 6.5#	3752'	200	2600'

DATE DRILLED: 5-1-61  
 TD: 3752'  
 COMPLETION INTERVAL: 3726-31 and 3735-41'

REMARKS:

WELL NAME: New Mexico "M" State #41  
 LOCATION: 990' FSL 1980' FEL, Sec. 30-22S-37E, Unit O  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7"	8-3/4"	17#	301'	200	circulated
2-7/8"	6-1/4"	6.4 & 6.5#	3749'	200	2600'

DATE DRILLED: 5-12-61  
 TD: 3751'  
 COMPLETION INTERVAL: 3693-99' and 3703-09'

REMARKS: 10-5-65: Convert to WIW, pkr @ 3662'

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #67  
 LOCATION: 1406' FSL 1262' FEL, Sec. 30-22S-37E  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	318'	200	circulated 70 sx
5-1/2"	7-7/8"	14 & 15.5#	3814'	285	calc. 2500'

DATE DRILLED: 11-3-72  
 TD: 3814'  
 COMPLETION INTERVAL: 3593-3787'

REMARKS:

WELL NAME: New Mexico "M" State #68  
 LOCATION: 1413' FSL 24' FEL, Sec. 30-22S-37E, Unit I  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	321'	200	circ. 30 sx
5-1/2"	7-7/8"	14#	3789'	280	calc. 2500'

DATE DRILLED: 12-17-72  
 TD: 3789'  
 COMPLETION INTERVAL: 3565-3738'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #76  
 LOCATION: 100' FSL 1400' FEL, Sec. 30-22S-37E, Unit 0  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	311'	225	circ. 25 sx
5-1/2"	7-7/8"	14 & 15.5#	3809'	375	calc. 2500'

DATE DRILLED: 9-9-73  
 TD: 3809'  
 COMPLETION INTERVAL: 3579-3726'

REMARKS:

WELL NAME:  
 LOCATION:  
 OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD:  
 COMPLETION INTERVAL:

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: New Mexico "M" State #14  
 LOCATION: 1980' FNL 660' FEL, Sec. 31-22S-37E, Unit H  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	9-7/8"	24#	304'	180	circulated
2-7/8"	6-3/4"	6.5#	3848'	200	2660' T.S.

DATE DRILLED: 6-16-59  
 TD: 3850'  
 COMPLETION INTERVAL: 3665-67, 3682-88, 3709-25, 3736-56'

REMARKS: 9-8-60: Perf additional pay from 3672-76'  
 10-11-65: Convert to WIW

WELL NAME: New Mexico "M" State #19  
 LOCATION: 660' FNL 660' FEL, Sec. 31-22S-37E, Unit A  
 OPERATOR: Kirby Exploration Co. of Texas

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	9-7/8"	24#	315'	175	circulated
2-7/8"	6-3/4"	6.5#	3780'	200	calc. 2446'

DATE DRILLED: 1-31-60  
 TD: 3784'  
 COMPLETION INTERVAL: 3694-3714'

REMARKS: 8-11-61: Perf 3651-56 and 3662-68'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" #11  
 LOCATION: 1980' FSL 330' FEL, Sec. 31-22S-37E, Unit I  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	314'	200	circulated
5-1/2"	7-7/8"	14#	3822'	300	calc. 1994'

DATE DRILLED: 1-22-59  
 TD: 3824'  
 COMPLETION INTERVAL: 3666-96, 3700-10, 3716-21, 3728-42, 3748-68, 3787-96, 3805.5-3810.5'  
 REMARKS: 11-14-74: Perf 3658, 3652, 3778, 3779, 3780, 3781, 3782'

WELL NAME: Skelly Penrose "B" #12  
 LOCATION: 330' FSL 330' FEL, Sec. 31-22S-37E, Unit P  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	319'	200	circulated
5-1/2"	7-7/8"	14#	3798'	300	calc. 1970'

DATE DRILLED: 9-17-58  
 TD: 3798'  
 COMPLETION INTERVAL: 3684-3704, 3708-15, 3718-28, 3735-42, 3748-50, 3753-69, and  
 3779-91'  
 REMARKS: 8-3-66: convert to WIW, pkr @ 3581'  
 5-29-72: Squeeze perfs 3748-91; with 4000 gals. Watermaster 200 with  
 Silica Flour (polymer material)  
 11-22-72: Squeeze perfs 3684-3791' with 400 sx Class "C", re-perf:  
 3677, 3686, 3699, 3710, 3719, 3723, 3739.

## SIRGO-COLIER, INC.

WELL NAME: LMPSU Tr. 30 #1  
 LOCATION: 330' FNL 330' FEL, Sec. 32-22S-37E, Unit A  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD: 3847'  
 COMPLETION INTERVAL: 3555-3670' OH (SNG shot)

REMARKS:

WELL NAME: LMPSU Tr. 31 #1  
 LOCATION: 1980' FNL 660' FEL, Sec. 32-22S-37E, Unit H  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	25.7#	251'	200	circulated
6"	7-7/8"	16#	3400'	350	calc. 795'

DATE DRILLED: 4-1-40  
 TD: 3700'  
 COMPLETION INTERVAL: 3539-3700' OH (SNG shot)

REMARKS: 9-1-67: Ran 2-3/8" cement lined tubing and packer @ 3300'.  
 Converted to WIW.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" #1  
 LOCATION: 990' FNL 1650' FEL, Sec. 32-22S-37E, Unit B  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	11"	26.4#	364'	125	circulated
4-1/2"	6-3/4"	16.6#	3727'	100	calc. 2962'

DATE DRILLED: 4-8-59  
 TD: 3731'  
 COMPLETION INTERVAL: 3560-3678'

REMARKS: 7-29-66: Converted to WIW  
 9-25-82: Packer @ 3468'

WELL NAME: Skelly Penrose "B" #2  
 LOCATION: 660' FNL 2310' FWL, Sec. 32-22S-37E, Unit C  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	350'	200	circulated
5-1/2"	7-7/8"	14#	3805'	250	calc. 2282'
					(hole full with 10# mud)

DATE DRILLED: 8-24-59  
 TD: 3805'  
 COMPLETION INTERVAL: 3596-3716'

REMARKS: 12-22-71: Perf 3575-82; 3585-93'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #3  
 LOCATION: 660' FNL 990' FWL, Sec. 32-22S-37E, Unit D  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	310'	175	circulated
5-1/2"	7-7/8"	14#	3800'	175	calc. 2734' (hole full 10# mud)

DATE DRILLED: 12-23-59  
 TD: 3800'  
 COMPLETION INTERVAL: 3594-3709'

REMARKS: 8-8-66: Convert to WIW, set pkr @ 3514'  
 8-12-68: Plug back to 3740' with Baker CIBP.  
 3-26-81: Packer @ 3485' with 10,000#

WELL NAME: Skelly Penrose "B" Unit #4  
 LOCATION: 1980' FNL 990' FWL, Sec. 32-22S-37E, Unit E  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	319'	175	circulated
5-1/2"	7-7/8"	14#	3820'	250	calc 2297'

DATE DRILLED: 11-15-59  
 TD: 3820'  
 COMPLETION INTERVAL: 3608-3686'

REMARKS: 12-4-72: Re-perf 3701-05, 3708-12, 3730-32, 3737-39 and 3747-49'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #5  
 LOCATION: 1980' FNL 2310' FWL, Sec. 32-22S-37E, Unit F  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	320'	200	circulated
5-1/2"	7-7/8"	14#	3807'	250	calc. 2284' (hole full w/ 10# muc)

DATE DRILLED: 7-20-59  
 TD: 3807'  
 COMPLETION INTERVAL: 3588-93, 96-99; 3600-12, 14-21, 23-32, 34-42, 49-57, 62-72, 74-83,  
 85-97; 3707-14, 16-20 and 22-26'.  
 REMARKS: 8-8-66: Converted to WIW  
 6-16-72: Squeeze perfs 3662-3726' with Watermaster 2000 with Silica Flour  
 12-5-72: Squeeze perfs 3588-3726'. Re-perf at 3592', 3603', 3608', 3619',  
 3625', 3640' and 3653'.

WELL NAME: Skelly Penrose "B" Unit #6  
 LOCATION: 1980' FNL 1980' FEL, Sec. 32-22S-37E, Unit G  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/2"	32#	326'	210	circulated
5-1/2"	7-7/8"	14#	3875'	250	calc. 2352' (hole full w/ 10# muc)

DATE DRILLED: 10-31-58  
 TD: 3875'  
 COMPLETION INTERVAL: 3566-3706'

REMARKS:

## SIRGO-COLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #7  
 LOCATION: 1980' FSL 660' FEL, Sec. 32-22S-37E, Unit I  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	350'	200	circulated
5-1/2"	7-7/8"	14#	3695'	200	calc. 2476'
					(hole full w/ 10# mud)

DATE DRILLED: 9-26-56  
 TD: 3690'  
 COMPLETION INTERVAL: 3578-3676'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #8  
 LOCATION: 1980' FSL 1980' FEL, Sec. 32-22S-37E, Unit J  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/2"	32#	328'	220	circulated
5-1/2"	7-7/8"	14#	3880'	250	calc. 2357'
					(hole full w/ 10# mud)

DATE DRILLED: 11-15-58  
 TD: 3880'  
 COMPLETION INTERVAL: 3600-3780'

REMARKS: 10-14-70: Converted to WIW, pkr @ 3503'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #9  
 LOCATION: 1980' FSL 2310' FWL, Sec. 32-22S-37E, Unit K  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	32#	398'	250	circulated
5-1/2"	7-7/8"	14#	3800'	250	calc. 2277'
					(hole full w/ 10# mud)

DATE DRILLED: 1-9-58  
 TD: 3800'  
 COMPLETION INTERVAL: 3644-3778'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #10  
 LOCATION: 1980' FSL 990' FWL, Sec. 32-22S-37E, Unit L  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	345'	250	circulated
5-1/2"	7-7/8"	14#	3970'	250	calc. 2447'
					(hole full w/ 10# mud)

DATE DRILLED: 9-8-58  
 TD: 3971'  
 COMPLETION INTERVAL: 36666-3798'

REMARKS: 9-17-70: Converted to WIW  
 2-25-72: Plug off lower perfs with polymer  
 6-19-72: Re-plug 3725-98' with polymer  
 12-5-72: Squeeze all perfs with cement and re-perf @ 3654, 3673, 3677,  
 3684, 3696, 3707, and 3720'

## SIRGO-COLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #13  
 LOCATION: 990' FSL 990' FWL, Sec. 32-22S-37E, Unit M  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/2"	32#	338'	250	circulated
5-1/2"	7-7/8"	14#	4003'	250	calc. 2980'
					(hole full w/ 10# mud)

DATE DRILLED: 10-12-58  
 TD: 4003'  
 COMPLETION INTERVAL: 3660-3792'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #14  
 LOCATION: 990' FSL 2310' FWL, Sec. 32-22S-37E, Unit N  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	345'	175	circulated
5-1/2"	7-7/8"	14#	3791'	150	calc. 2877'

DATE DRILLED: 9-2-56  
 TD: 3745'; deepen to 3791' 8-31-57.  
 COMPLETION INTERVAL: 3662-3784'

REMARKS: 9-6-56: P&A as dry hole  
 8-31-57: Deepen to 3791' and run 5-1/2" casing to 3791' cemented with  
 150 sx Class "C". Perf 3662-3784'.  
 7-21-66: Converted to WIW

Packer @ 3547'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #15  
 LOCATION: 660' FSL 1980' FEL, Sec. 32-22S-37E, Unit O  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
13"	15"	45#	261'	225	calc. circulated
7"	8-1/4"	24#	3452'	400	calc. circulated

DATE DRILLED: 3-24-36  
 TD: 3680'  
 COMPLETION INTERVAL: 3588-3680' OH (SNG shot)

REMARKS: 8-9-68: Deepen to 3750'

WELL NAME: Skelly Penrose "B" Unit #16  
 LOCATION: 990' FSL 660' FEL, Sec. 32-22S-37E, Unit P  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/2"	24#	310'	250	circulated
5-1/2"	7-7/8"	14#	3725'	200	calc. 2506'
				(hole full w/ 10# mud)	

DATE DRILLED: 1-23-57  
 TD: 3725'  
 COMPLETION INTERVAL: 3610-3658'

REMARKS: 7-6-67: Converted to WIW

## SIRGO-COLIER, INC.

WELL NAME: LMPSU Tr. 33 #1  
 LOCATION: 1980' FNL 1980' FWL, Sec. 33-22S-37E, Unit F  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
15-1/2"	18"	70#	123'	50	calc. circ.
7"	8"	22#	3395'	150	calc. 1459'
				(hole full w/ 10# mud)	

DATE DRILLED: 2-22-39  
 TD: 3691'  
 COMPLETION INTERVAL: 3530-3690' OH

REMARKS: 9-1-67: Converted to WIW

WELL NAME: LMPSU Tr. 32 #1  
 LOCATION: 2310' FNL 990' FWL, Sec. 33-22S-37E, Unit E  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
15-1/2"	?	70#	125'	100	
7"	?	22#	3407'	250	

DATE DRILLED: 2-12-40  
 TD: 3700'  
 COMPLETION INTERVAL: 3550-3667' OH (SNG shot)

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: LMPSU Tr. 32 #2  
 LOCATION: 330' FNL 990' FWL, Sec. 33-22S-37E, Unit D  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
15"	16"	50#	125'	50	
7"	8-1/4"	22#	3402'	250	calc. 864'

DATE DRILLED: 7-29-41  
 TD: 3681'  
 COMPLETION INTERVAL: 3545-3672' OH

REMARKS: 9-1-67: Converted to WIW

WELL NAME: LMPSU Tr. 32 #3  
 LOCATION: 1790' FNL 660' FWL, Sec. 33-22S-37E, Unit E  
 OPERATOR: Anadarko Petroleum Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	361'	213	calc. circulated
5-1/2"	7-7/8"	14#	3700'	415	calc 1171'

DATE DRILLED: 8-12-68  
 TD: 3700'  
 COMPLETION INTERVAL: 3543-3660'

REMARKS:

## SIRGO-COLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #5  
 LOCATION: 1980' FSL 1980' FWL, Sec. 33-22S-37E, Unit K  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	18-1/2"	70#	123'	100	circulated
8-5/8"	10-3/4"	32#	1172'	100	calc. 702'
7"	8-1/4"	20#	3388'	200	calc. 1357'

DATE DRILLED: 10-13-38  
 TD: 3710'  
 COMPLETION INTERVAL: 3555-3695' OH

REMARKS:

WELL NAME: Skelly Penrose "A" Unit #6  
 LOCATION: 1980' FSL 660' FWL, Sec. 33-22S-37E, Unit L  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	18"	70#	125	100	circulated
7"	8-1/4"	24#	3395'	250	calc. 857'

DATE DRILLED: 7-29-39  
 TD: 3689'  
 COMPLETION INTERVAL: 3540-3689' OH (SNG shot)

REMARKS: 10-19-67: Converted to WIW  
 7-25-72: Ran 4-1/2" liner from 7' to 3666'. Perf @ 3564, 70, 82, 90  
 99' and 3616'.  
 12-1-72: Squeeze perfs, re-perf @ 3564, 70, 82, 90, 99, and 3616'  
 1-11-79: Re-perf @ 3551, 3620, 3637, 3640'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #7  
 LOCATION: 720' FSL 660' FWL, Sec. 33-22S-37E, Unit M  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	17"	70#	127'	100	circulated
7"	8-1/4"	20 & 24#	3411'	250	calc. 873'

DATE DRILLED: 10-25-42  
 TD: 3716'  
 COMPLETION INTERVAL: 3570-3704' OH

REMARKS: 3-24-75: Squeeze casing leaks in 7" @ 280-1000' with 525 sx Class "C"  
 3-4-87 : TA, set 7" CIBP @ 3339' on 2-7/8" workstring. Circulated  
 treated water. TOH with tubing.

WELL NAME: Skelly Penrose "A" Unit #8  
 LOCATION: 660' FSL 1980' FWL, Sec. 33-22S-37E, Unit N  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	18-1/4"	70#	119'	100	circulated
7"	8-7/8"	20#	3390'	250	calc. 763'

DATE DRILLED: 2-21-40  
 TD: 3700'  
 COMPLETION INTERVAL: 3609-3685' OH

REMARKS: 11-1-67: Converted to WIW  
 6-25-72: Ran 5" liner from 3278-3654' cemented with 350 sx.  
 Perf @ 3573, 78, 88, 97, 3613 and 3627'.  
 12-4-72: Squeeze perfs and re-perf @ 3573, 78, 88, 97; 3613 & 27'

## SIRGO-COLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #9  
 LOCATION: 660' FSL 1980' FEL, Sec. 33-22S-37E, Unit 0  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	18"	70#	108'	100	calc. circ.
7"	8-1/2"	20#	3396'	250	calc. 1314'

DATE DRILLED: 7-25-40

TD: 3680'

COMPLETION INTERVAL: 3396-3680' OH

REMARKS: 2-7-76: Installed 5" liner from 2186-3680'. Perfed liner @ 3587-90, 3596-3602, 3614-20, 3636-40, 3648-52, 3542-48 and 3562-68'.

WELL NAME: Skelly Penrose "A" Unit #65  
 LOCATION: 1330' FSL 1330' FWL, Sec. 33-22S-37E, Unit K  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"		480'	250	circulated
5-1/2"	7-7/8"		3746'	1400	230'

DATE DRILLED: 10-13-74

TD: 3750'

COMPLETION INTERVAL: 3548-91'

REMARKS: 4-14-76: Perf @ 3627, 37, 42, 47, 49, 64, 67, 72, 76 & 94'.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #17  
 LOCATION: 660' FNL 660' FWL, Sec. 4-23S-37E, Unit D  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	328'	250	circulated
5-1/2"	7-7/8"	15.5 & 14#	3720'	800	circulated

DATE DRILLED: 5-26-57  
 TD: 3720'  
 COMPLETION INTERVAL: 3566-3692'

REMARKS: 7-11-67: Converted to WIW  
 6-28-72: Squeeze perfs and re-perf @ 3562, 76, 82, 91, 99 and 3612, 29'  
 10-15-82: Packer @ 3334'

WELL NAME: Skelly Penrose "B" Unit #30  
 LOCATION: 1980' FNL 660' FWL, Sec. 4-23S-37E, Unit E  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	12-1/2"	32.75#	385'	150	circulated
5-1/2"	7-1/4"	14#	3505'	175	1100'
					perf @ salt section & sq w/ 100 sx

DATE DRILLED: 1-21-49  
 TD: 3687'  
 COMPLETION INTERVAL: 3560-3687' OH

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #17  
 LOCATION: 660' FNL 1980' FWL, Sec. 4-23S-37E, Unit B  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	18-1/2"	70#	105'	100	circulated
7"	7-1/4"	20#	3391'	200	Calc. circulated

DATE DRILLED: 10-18-40

TD: 3813'

COMPLETION INTERVAL: 3570-3712'

REMARKS: 11-29-67: Converted to WIW

7-26-72: Ran 4-1/2" liner to 3670' and cemented with 800 sx. Perf @ 3558-3653'.

WELL NAME: Skelly Penrose "A" Unit #18  
 LOCATION: 660' FNL 1980' FWL, Sec. 4-23S-37E, Unit C  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	18"	70#	100'	100	Circulated
7"	8-3/4"	20#	3415'	250	Calc. TOC @ 1659'

DATE DRILLED: 8-29-40

TD: 3706'

COMPLETION INTERVAL: 3552-3690'

REMARKS:

## SIRGO-COLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #20  
 LOCATION: 1980' BNL 1980' FEL, S3c. 4-23S-37E, Unit G  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	13"	40#	252'	150	calc. circulated
7"	8"	24#	3392'	200	calc. 810'

DATE DRILLED: 2-9-36  
 TD: 3687'  
 COMPLETION INTERVAL: 3677-3476' OH

REMARKS:

WELL NAME: Skelly Penrose "A" Unti #30  
 LOCATION: 1980' FSL 1980' FEL, Sec. 4-23S-37E, Unit J  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
12-1/2"	?	50#	218'	75	?
8-5/8"	?	24#	1158'	150	?
7"	?	22#	3398'	125	?

DATE DRILLED: 1-15-37  
 TD: 3625'  
 COMPLETION INTERVAL: 3536-3612' OH

REMARKS: 11-22-67: Converted to WIW  
 5-73: Installed liner (5"). This well has obviously had 5-1/2" liner run at some time during its history. There are no records on such with the NMOCD office in Hobbs. The subsequent report of running 5" liner indicated that there is some 5-1/2" liner still in the hole, from 3603' to 3625'. In May of 1973, Skelly Oil Company deepened this hole to 3675' and ran 12 joints of 5" 13# casing liner with float shoe @ 3668' and liner hanger assembly from 3255-3270', cemented with 850 sx Posmix cmt. Tested liner top and it leaked. Perfed w/ 2 shots @ 3425' and squeezed w/ 300 sx Class "C" neat cmt. Re-squeezed with 500 sx 50-50 Pozmix cmt. Perf. 3541,46,59,67,75,86,95,3608,20,38 and 46.5'. Pkr @ 3491'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLEX  
(Other instructions  
on reverse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

LC-032452(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Skelly Penrose "A" Unit

8. FARM OR LEASE NAME

Skelly Penrose "A" Unit

9. WELL NO.

30

10. FIELD AND POOL, OR WILDCAT

Langlie-Mattix

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 4-23S-37E

12. COUNTY OR PARISH

13. STATE

Lea

New Mexico

1. OIL  GAS  WATER  OTHER Water Injection

2. NAME OF OPERATOR

Skelly Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1351

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FSL and 1900' FEL, Sec. 4-23S-37E

14. PERMIT NO.

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

3325' KB

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

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF



PULL OR ALTER CASING



FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

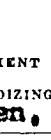
REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF



REPAIRING WELL

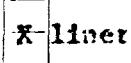
FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT

Deepen, perforate &amp; install



(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 1) Moved in pulling unit 5-9-73. Pulled tubing and packer.
- 2) Set retrievable bridge plug @ 3340'.
- 3) Cemented thru bradenhead down 12-1/2" - 9-5/8" casing annulus with 300 sacks 50-50 Pozmix, mixed 2% CC. WOC 6 hours.
- 4) Ran Temperature Survey and found bottom of cement at 400'. WOC 17 hours.
- 5) Ran tubing and retrieved bridge plug @ 3340'.
- 6) Cleaned out inside 5-1/2" liner 3611-3625'.
- 7) Ran tubing with 5-1/2" spear and casing pulling tool and caught 5-1/2" liner top @ 3350' and pulled 12 jts. (253') 5-1/2" liner leaving 22' of 5-1/2" OD liner @ 3603-3623'.
- 8) Jet washed and cleaned out 3526-3620'.
- 9) Cleaned out 3602-3625', drilled new hole 3625-3675'. Pulled tubing and bit.
- 10) Ran 12 jts. (398') 5" OD 13# K55 casing liner, float shoe @ 3668', liner hanger assembly 3255-3270'.
- 11) Pumped 1000 gallons 5% HCA acid and 1000 gallons water containing 2 gallons Morflo, 850 sacks Pozmix cement, set packer and squeezed 100 sacks cement into formation.
- 12) Pumped plug to 3633', WOC 15 hours.
- 13) Tested liner top @ 3635' @ 2500# pressure. Liner top leaked and unable to establish an injection rate.
- 14) Pulled tubing and packer. Perforated 5" liner with two shots @ 3425'.

(Continued on page 2)

18. I hereby certify that the foregoing is true and correct

SIGNED D. R. Crow

TITLE

Lead Clerk

DATE June 19, 1973

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL: IC AND:

TITLE

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
HOODS, NEW MEXICO

26

Skelly Penrose "A" Unit  
Well No. 30  
Page 2

- 15) Ran tubing with cement retainer to 3132'.
- 16) Squeezed perforations @ 3425' with 300 sacks Class "C" neat cement. WOC 17 hours.
- 17) Drilled cement retainer @ 3132' and cement 3185-3425'.
- 18) Tested squeeze job with 1000# pressure and well started back flowing.
- 19) Set retainer @ 3132' and resqueezed perforations @ 3425' with 1000 gallons gunk and 500 sacks 50-50 Pozmix cement.
- 20) Drilled out retainer @ 3132' and circulated out gunk 3355-3430'. Drilled out float collar.
- 21) Ran tubing with 4-1/4" OD cone buster mill and drilled cement and bit cone @ 3633' and cleaned out to 3667'.
- 22) With mill @ 3667', spotted 200 gallons 7-1/2% acid 3667-3442'.
- 23) Ran Gamma Ray Neutron Correlation Log 2700-3667'.
- 24) Perforated 5" OD liner with one 0.50" hole at the following places: 3541', 3546', 3559', 3567', 3575', 3586', 3595', 3608', 3620', 3638', and 3646.5'.
- 25) Ran tubing with packer to 3499'.
- 26) Treated Penrose perfs. 3541-3646.5' with 750 gallons 15% NE acid, 16 ball sealers.
- 27) Pulled tubing and packer. Ran 112 jts. (3481') 2-3/8" OD EUE SL tubing and set packer at 3491'.
- 28) Connected well to injection system and returned well to injection 5-30-73 injecting into Penrose perfs. 3541-3646.5' @ rate of 127 bbls. water in 24 hours with 1600# pressure.
- 29) June 4, 1973: Injected into Penrose perfs. 3541-3646.5' @ rate of 235 bbls. water with 1850# pressure in 24 hours.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #31  
 LOCATION: 1980' FSL 1980' FWL, Sec. 4-23S-37E, Unit K  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
12-1/2"	?	50#	225'	300	?
8-5/8"	?	32#	1152'	500	?
7"	?	22#	3389'	300	?

DATE DRILLED: 10-15-36

TD: 3638'

COMPLETION INTERVAL: 3517-3619' OH

REMARKS: 3-15-71: Perf 5-1/2" liner from 3520 - 3625'. No records on when this 5-1/2" liner was run.

11-2-81: Set CIBP @ 2004' with 20' cement on top. Displaced with treated water from 1974'. TA

WELL NAME: Skelly Penrose "A" Unit #32  
 LOCATION: 1980' FSL 660' FWL, Sec. 4-23S-37E, Unit L  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	32#	254'	300	calc. circulated
5-1/2"	7-7/8"	24#	3684'	125 (DV tool @ 1184') 250 (bottom)	calc. 422' calc. 2161'

DATE DRILLED: 4-3-58

TD: 3684'

COMPLETION INTERVAL: 3557-3671'

REMARKS: 11-29-67: Converted to WIW

9-1-72: Squeeze perfs and re-perf 3550-3588'

3-12-73: Squeeze perfs and re-perf 3560-3643'.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #33  
 LOCATION: 500' FSL 990' FWL, Sec. 4-23S-37E, Unit M  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	370'	225	circulated
5-1/2"	7-7/8"	15.5 & 14#	3650'	200	calc. 2431'

DATE DRILLED: 2-23-58  
 TD: 3650'  
 COMPLETION INTERVAL: 3526-3636'

REMARKS:

WELL NAME: Skelly Penrose "A" Unit #34  
 LOCATION: 660' FSL 1980' FWL, Sec. 4-23S-37E, Unit N  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	12-1/2"	40#	154'	100	circulated
7"	8-1/2"	20#	3389'	200 @ 1211' 300 @ 3389'	calc. 891' calc. circ. to DV tool

DATE DRILLED: 6-1-37  
 TD: 3650'  
 COMPLETION INTERVAL: 3516-3650' OH

REMARKS: 12-19-67: Converted to WIW  
 3-15-73: Ran 4-1/2" liner to 3650' and cemented with 400 sx Halliburton  
 Light + 550 sx Class "C". Perfed from 3545-3612'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #35  
 LOCATION: 660' FSL 1980' FEL, Sec. 4-23S-37E, Unit O  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	12-1/2"	40#	143'	75	circulated
7"	8-1/2"	22#	3394'	200 @ 1250' 200 @ 3394'	calc. 729' calc. circ. DV tool

DATE DRILLED: 7-1-37  
 TD: 3670'  
 COMPLETION INTERVAL: 3507-3600' OH

REMARKS:

WELL NAME: Skelly Penrose "A" Unit #36  
 LOCATION: 660' FSL 660' FEL, Sec. 4-23S-37E, Unit P  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
13"	15-1/2"	45#	269'	250	calc. circulated
7"	8-1/4"	24#	3335'	200 @ 1249' 200 @ 3335'	calc. circulated calc. 1304'

DATE DRILLED: 3-7-36  
 TD: 3669'  
 COMPLETION INTERVAL: 3479-3669'

REMARKS: 11-29-67: Converted to WIW  
 9-18-72: Ran 5" liner to 3664', cemented with 660 sx, circulated.  
 Perfed 3529-3616'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #61  
 LOCATION: 1900' FNL 1870' FWL, Sec. 4-23S-37E, Unit F  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	309'	150	circulated
4-1/2"	7-7/8"	10.5#	3698'	900	2369' T.S.

DATE DRILLED: 4-7-69 (Drilled as WIW)

TD: 3700'

COMPLETION INTERVAL: 3534-3678'

REMARKS: 6-2-72: Squeezed perfs and re-perf 3547-3605'

WELL NAME: Skelly Penrose "A" Unit #66  
 LOCATION: 1310' FSL 1330' FEL, Sec. 4-23S-37E, Unit O  
 OPERATOR: Texaco Producing Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	23#	514'	320	circulated
5-9/16"	7-7/8"	14.62#	3746'	1200	calc. circulated

DATE DRILLED: 9-25-74

TD: 3748'

COMPLETION INTERVAL: 3557-3656'

REMARKS: 12-18-84: Re-perf 3497-3636'.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #18  
 LOCATION: 660' FNL 660' FEL, Sec. 5-23S-37E, Unit A  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	330'	200	calc. circulated
5-1/2"	7-7/8"	14#	3770'	850	calc. circulated

DATE DRILLED: 4-28-57  
 TD: 3770'  
 COMPLETION INTERVAL: 3614-3744'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #19  
 LOCATION: 660' FNL 1980' FEL, Sec. 5-23S-37E, Unit B  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	330'	280	circulated
5-1/2"	7-7/8"	15#	3750'	950	calc. circulated

DATE DRILLED: 6-21-57  
 TD: 3750'  
 COMPLETION INTERVAL: 3648-3733'

REMARKS: 9-22-70: Converted to WIW  
 6-21-72: Squeeze perfs and re-perf 3645-3707'  
 10-12-82: Packer @ 3554'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #20  
 LOCATION: 330' FNL 2310' FWL, Sec. 5-23S-37E, Unit C  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	343'	200	circulated
5-1/2"	8-5/8"	15#	3780'	1200	calc. circulated

DATE DRILLED: 10-10-57  
 TD: 3780'  
 COMPLETION INTERVAL: 3656-3780'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #21  
 LOCATION: 660' FNL 990' FWL, Sec. 5-23S-37E, Unit D  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24 & 32#	350'	200	circulated
5-1/2"	7-7/8"	15 & 14#	3780'	800	circulated

DATE DRILLED: 1-18-58  
 TD: 3780'  
 COMPLETION INTERVAL: 3646-3768'

REMARKS: 9-1-70: Converted to WIW  
 7-5-72: Squeeze perfs and re-perf 3643-3707'.  
 10-8-82: Packer @ 3500'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #26  
 LOCATION: 1980' FNL 990' FWL, Sec. 5-23S-37E, Unit E  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	354'	275	circulated
5-1/2"	8-5/8"	15#	3780'	1200	circulated

DATE DRILLED: 2-12-58  
 TD: 3780'  
 COMPLETION INTERVAL: 3659-3768'

REMARKS: 3-1-75: TA with RBP @ 3598' and inhibited water in wellbore.

WELL NAME: Skelly Penrose "B" Unit #27  
 LOCATION: 1980' FNL 1980' FWL, Sec. 5-23S-37E, Unit F  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	345'	200	circulated
5-1/2"	7-7/8"	15.5 & 14#	3770'	1000	355'

DATE DRILLED: 9-8-57  
 TD: 3770' PBTD 3766'  
 COMPLETION INTERVAL: 3660-3733

REMARKS: 7-25-66: Converted to WIW  
 8-18-68: Squeeze perfs 3718-33, re-perf 3682, 85, 91, 83, 95; 3702, 05,  
 41, 46, 53, and 61'.  
 3-6-72: Squeeze perfs 3718-3761', treat perfs 3660-3705'  
 Baker AD-1 pkr @ 3380' on 110 joints 2-3/8" cement lined tubing.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #28  
 LOCATION: 1980' FNL 1980' FEL, Sec. 5-23S-37E, Unit G  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	335'	200	circulated
5-1/2"	7-7/8"	15#	3750'	1100	320' T.S.

DATE DRILLED: 7-2-57  
 TD: 3750'  
 COMPLETION INTERVAL: 3628-3724'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #29  
 LOCATION: 2112' FNL 660' FEL, Sec. 5-23S-37E, Unit H  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	13"	32#	325'	150	calc. circulated
5-1/2"	7-7/8"	14#	3805'	900	calc. circulated

DATE DRILLED: 5-5-57  
 TD: 3805'  
 COMPLETION INTERVAL: 3593-3723'

REMARKS: 7-12-67: Converted to WIW  
 7-11-72: Squeeze perfs and re-perf 3590-3662'  
 11-22-72: Squeeze perfs and re-perf 3590-3662'

Packer @ 3348'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #31  
 LOCATION: 1980' FSL 660' FEL, Sec. 5-23S-37E, Unit I  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	370'	250	circulated
5-1/2"	7-7/8"	14#	3710'	200	Calc. 2492'

DATE DRILLED: 9-15-57  
 TD: 3710'  
 COMPLETION INTERVAL: 3580-3698'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #32  
 LOCATION: 1980' FSL 1980' FEL, Sec. 5-23S-37E, Unit J  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	360'	250	circulated
5-1/2"	7-7/8"	14#	3710'	200	calc. 2492'

DATE DRILLED: 10-5-57  
 TD: 3710'  
 COMPLETION INTERVAL: 3594-3689'

REMARKS: 10-12-70: Converted to WIW  
 6-12-72: Squeeze perfs and re-perf 3584, 94; 3601, 14, 22, 34 and 50'.  
 1-29-82: Packer @ 3512' on 113 jts. 2-3/8" cement lined tubing.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #33  
 LOCATION: 1980' FSL 1980' FWL, Sec. 5-23S-37E, Unit K  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	370'	225	Calc. circulated
5-1/2"	7-7/8"	14#	3724'	200	calc. 2505'

DATE DRILLED: 12-27-57  
 TD: 3724'  
 COMPLETION INTERVAL: 3610' 3719'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #34  
 LOCATION: 1980' FSL 660' FWL, Sec. 5-23S-37E, Unit L  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
13"	?	50#	254'	150	?
8-1/4"	?	28#	2715'	150	?
7" liner	?	24#	1097 - 3754'	none	

DATE DRILLED: 12-1-47  
 TD: 3762'  
 COMPLETION INTERVAL: 3633-3704'

REMARKS: 8-31-70: Converted to WIW  
 5-1-72: Tried to pull liner, parted @ 3530', recovered 873' leaving  
 224' in hole with top @ 3530'. Cleaned out inside liner. Ran 1107'  
 of 14# 5-1/2" casing as liner from 2613-3720'. Liner hanger from 2602-  
 2612'. Cement w/ 1500 sx Halliburton light w/ pkr @ 2600'. Perf liner  
 3633, 49, 56, 67, 75, 87; 3700 and 04'.  
 2-16-82: Ran packer on 116 joints 2-3/8" cement lined tubing and set  
 pkr @ 3213'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #37  
 LOCATION: 660' FSL 660' FWL, Sec. 5-23S-37E, Unit M  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	370'	200	circulated
5-1/2"	7-7/8"	15.5#	3731'	200	calc. 2512'

DATE DRILLED: 3-15-58  
 TD: 3731'  
 COMPLETION INTERVAL: 3606-3730'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #38  
 LOCATION: 660' FSL 1980' FWL, Sec. 5-23S-37E, Unit N  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	370'	200	circulated
5-1/2"	7-7/8"	14#	3720'	200	calc. 2502'

DATE DRILLED: 1-6-58  
 TD: 3720'  
 COMPLETION INTERVAL: 3579-3688'

REMARKS: 7-28-66: Converted to WIW  
 9-7-72: Squeeze perfs, re-perf @ 3586, 3606, 18, 31, 39, and 54'.  
 Packer @ 3463' on 109 jts. 2-3/8" cement lined tubing.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #39  
 LOCATION: 660' FSL 1980' FEL, Sec. 5-23S-37E, Unit O  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	373'	250	circulated
5-1/2"	7-7/8"	14#	3705'	200	calc. 2487'

DATE DRILLED: 12-7-57  
 TD: 3705'  
 COMPLETION INTERVAL: 3554-3685'

REMARKS: 5-3-80: Cemented casing leak 750-80' with 350 sx Western Class "C".

WELL NAME: Skelly Penrose "B" Unit #40  
 LOCATION: 660' FSL 660' FEL, Sec. 5-23S-37E, Unit P  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	374'	250	circulated
5-1/2"	7-7/8"	14#	3680'	200	calc. 2462'

DATE DRILLED: 11-14-57  
 TD: 3680'  
 COMPLETION INTERVAL: 3526-3661'

REMARKS: 7-7-67: Converted to WIW  
 5-22-72: Squeeze perfs and re-perf from 3545-3584'.

Packer @ 3415'

## SIRGO-COLLIER, INC.

WELL NAME: W. H. King #3  
 LOCATION: 1880' FSL 660' FWL, Sec. 6-23S-37E, Unit L  
 OPERATOR: Doyle Hartman

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	416'	300	circulated
5-1/2"	7-7/8"	17#	3425'	450	circulated

DATE DRILLED: 6-4-81  
 TD: 3425'  
 COMPLETION INTERVAL: 3056-3200' (Yates-Seven Rivers gas well)

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #22  
 LOCATION: 330' FNL 330' FEL, Sec. 6-23S-37E, Unit A  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	346'	200	circulated
5-1/2"	7-7/8"	15#	3795'	1000	calc. circulated

DATE DRILLED: 4-29-58  
 TD: 3795'  
 COMPLETION INTERVAL: 3670-3786'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #23  
 LOCATION: 330' FNL 1650' FEL, Sec. 6-23S-37E, Unit B  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	342'	200	circulated
5-1/2"	7-7/8"	15.5 & 14#	3800'	1200	calc. circulated

DATE DRILLED: 10-2-58  
 TD: 3800'  
 COMPLETION INTERVAL: 3683-3793

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #24  
 LOCATION: 2117' FNL 1966' FEL, Sec. 6-23S-37E, Unit G  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	12-1/4"	32#	309'	200	circulated
7"	8-1/4"	20#	2860'	400	circulated
5-1/2"	6-3/4"	14 & 17#	3815'	225	circulated

DATE DRILLED: 10-13-58  
 TD: 3815'  
 COMPLETION INTERVAL: 3700-3804'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #25  
 LOCATION: 1788' FNL 330' FEL, Sec. 6-23S-37E, Unit H  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	351'	250	circulated
5-1/2"	7-7/8"	14 & 15.5#	3800'	1200	calc. circulated

DATE DRILLED: 8-25-58  
 TD: 3800'  
 COMPLETION INTERVAL: 3681-3793'

REMARKS: 8-3-66: Converted to WIW  
 6-15-72: Squeeze perfs and re-perf 3677-3752'.  
 Packer @ 3550'

WELL NAME: Skelly Penrose "B" Unit #35  
 LOCATION: 1980' FSL 660' FEL, Sec. 6-23S-37E, Unit I  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	13-3/4"	40#	371'	125	calc. circulated
7"	8-3/4"	24#	3565'	600	calc. circulated

DATE DRILLED: 6-1-36  
 TD: 3798'  
 COMPLETION INTERVAL: 3635-3798' OH (SNG shot)

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #36  
 LOCATION: 660' FSL 660' FEL, Sec. 6-23S-37E, Unit P  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	382'	250	circulated 50 sx
5-1/2"	7-7/8"	14#	3780	1000	440' T.S.

DATE DRILLED: 1-15-59

TD: 3780'

COMPLETION INTERVAL: 3650-3727'

REMARKS: 7-28-66: Converted to WIW.  
 8-19-68: Re-perf 5-1/2" @ 3684, 86; 3737, 42, 49, 54, 60 & 68'.  
 9-12-72: Squeeze perfs with 800 sx. Re-perf @ 3636, 52, 58, 66, 75,  
 84 & 99'

Packer @ 3545' on 115 joints (3537') 2-3/8" cement lined tubing.

WELL NAME: W. H. King #1  
 LOCATION: 1980' FNL 1980' FEL, Sec. 6-23S-37E, Unit F  
 OPERATOR: Skelly Oil Co.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
13"	15-1/2"	45#	251'	150	calc. circulated
7"	8-1/4"	24#	3441'	200	calc. 1410'

DATE DRILLED: 2-5-36

TD: 3917'

COMPLETION INTERVAL: Dry hole, no records of P&amp;A in files at NMOCD in Hobbs.

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: King "D" #1  
 LOCATION: 2117' FNL 617' FWL, Sec. 6-23S-37E, Unit E  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	36#	1350'	600	circulated
7"	8-3/4"	20#	2870'	200	calc. 1465'

DATE DRILLED: 7-23-50

TD: 3485'

COMPLETION INTERVAL: 3260-3050' (Yates gas well)

REMARKS: 5-10-76: Set 16 joints (409') of 5" slotted casing from 2839-3248' with slots @ 3038-3248'.

2-85: Proposed to deepen to 3800' and complete in Langlie Mattix, never done.

WELL NAME:

LOCATION:

OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:

TD:

COMPLETION INTERVAL:

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Stevens "B" #12  
 LOCATION: 1650' FSL 1650' FEL, Sec. 7-23S-37E, Unit J  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	?	?	1220'	500	?
5-1/2"	?	?	2730'	500	?
4" liner	4-3/4"	?	3725'	60	

DATE DRILLED: 12-27-59  
 TD: 3496'  
 COMPLETION INTERVAL: 2717-3496' OH (Gas well)  
 REMARKS: 8-2-66: Deepen to 3725' and set liner. Perf from 3627-3696'

WELL NAME: Stevens "B" #17  
 LOCATION: 660' FSL 660' FEL, Sec. 7-23S-37E, Unit P  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	11"	24#	355'	150	circulated
4-1/2"	6-3/4"	9.5#	3750'	200	2400' T.S.

DATE DRILLED: 12-14-66  
 TD: 3750'  
 COMPLETION INTERVAL: 3578-3699'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Stevens "B" #18  
 LOCATION: 1930' FSL 610' FEL, Sec. 7-23S-37E, Unit I  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	11"	24#	350'	150	circulated
4-1/2"	6-3/4"	9.5#	3750'	200	2200'

DATE DRILLED: 4-11-67  
 TD: 3750'  
 COMPLETION INTERVAL: 3583-3711'

REMARKS:

WELL NAME: Stevens "B" #19  
 LOCATION: 660' FSL 1650' FEL, Sec. 7-23S-37E, Unit O  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	11"	24#	355'	150	circulated
4-1/2"	6-3/4"	9.5#	3800'	200	1800' T.S.

DATE DRILLED: 8-3-67  
 TD: 3800'  
 COMPLETION INTERVAL: 3627-3734'

REMARKS: 10-22-75: Replaced 208' of 4-1/2" casing because of corrosion.  
 Perf 4-1/2" 696-698' and squeezed with 200 sx Halliburton Light +  
 200 sx Class "C". Circulated 60 sx. Squeezed 25 sx Class "C" over  
 interval 812'-506'.

UNITED STATES  
DEPARTMENT THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 030556 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)OIL WELL  GAS WELL  OTHER

## 2. NAME OF OPERATOR

CONTINENTAL OIL COMPANY

## 3. ADDRESS OF OPERATOR

Box 460, HOBBS, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

660' FSL &amp; 1650' FEL OF SEC. 7

## 14. PERMIT NO.

## 15. ELEVATIONS (Show whether DF, RT, CR, etc.)

3371' DF

## 12. COUNTY OR PARISH

LEA

## 13. STATE

N.M.

## 16.

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

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF


PULL OR ALTER CASING


WATER SHUT-OFF


REPAIRING WELL


FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

CEMENT SQUEEZE

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Set B.P @ 2900' w/20' sd. on top. Perf csg 282d-26' w/2 JSPF  
 Set cont. retriever @ 2498'. Could not break down perf's.  
 Isolated leak @ 484'. Bailed off 4½" csg @ 576'. Replaced 208' of 4½" csg due to corrosion. Perf 4½" csg 696-698' w/2 JSPF. Squeezed w/200 sks Lite Wt. Cont'd 200 sks.  
 Class 'C' cont. Circ 60 sks. Cont. to stc. Press. to 750# on 4½" w/ slight bleed in press to 300#. Test Annulus to 700#, ok. 5g. 25 sks. Class 'C' cont over interval 812-506'. WOC 24 hrs.  
 Drilled hard cont. & cleaned out hole. Press. tested w/750# for 15 min. Held ok. Work started 10-22-75, completed 11-3-75.

## 18. I hereby certify that the foregoing is true and correct

SIGNED

*Dug Danner*

TITLE SR. ANALYST

DATE 12-8-75

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

REGISTERED FOR RECORD

DEC 14 1975

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side

## SIRGO-COLLIER, INC.

WELL NAME: Stevens "B" #21  
 LOCATION: 1980' FNL 660' FEL, Sec. 7-23S-37E, Unit H  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
7-5/8"	11"	24#	365'	150	circulated
4-1/2"	6-3/4"	9.5#	3759'	200	calc. 2230'

DATE DRILLED: 11-3-67  
 TD: 3760'  
 COMPLETION INTERVAL: 3603-3724'

REMARKS:

WELL NAME: Stevens B-7 Com. #1  
 LOCATION: 990' FNL 990' FWL, Sec. 7-23S-37E, Unit D  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11-1/4"	32#	1214'	500	calc. circulated
5-1/2"	7-7/8"	14#	2789'	650	calc. circulated

DATE DRILLED: 1-19-49  
 TD: 3465'  
 COMPLETION INTERVAL: OH

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Stevens B-7 Com. #2  
 LOCATION: 1650' FNL 1650' FEL, Sec. 7-23S-37E, Unit G  
 OPERATOR: Conoco, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11-1/4"	32#	1232'	500	calc. circulated
5-1/2"	7-7/8"	14#	2738'	650'	calc. circulated

DATE DRILLED: 3-2-49  
 TD: 3625' PBTM 3540'  
 COMPLETION INTERVAL: OH

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #46  
 LOCATION: 660' FNL 660' FEL, Sec. 7-23S-37E, Unit A  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	364'	250	circulated
5-1/2"	7-7/8"	14#	3770'	1000	1475' T.S.

DATE DRILLED: 12-3-58  
 TD: 3770' PBTM 3750'  
 COMPLETION INTERVAL: 3606-3736'

REMARKS: 2-14-80: Re-cement 5-1/2" with 200 sx Class "C", hole @ 453', circulated 30 sx. Squeezed with 12 sx.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #47  
 LOCATION: 660' FNL 1980' FEL, Sec. 7-23S-37E, Unit B  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	370'	250	circulated
5-1/2"	7-7/8"	14#	3790'	1000	390' T.S.

DATE DRILLED: 1-27-59  
 TD: 3790'  
 COMPLETION INTERVAL: 3662-3732'

REMARKS:

WELL NAME:  
 LOCATION:  
 OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD:  
 COMPLETION INTERVAL:

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Clift #6  
 LOCATION: 660' FSL 660' FWL, Sec. 8-23S-37E, Unit M  
 OPERATOR: Earl R. Bruno

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24 & 28#	336'	300	circulated
5-1/2"	7-7/8"	14#	3749'	600	2295'

DATE DRILLED: 7-5-67  
 TD: 3750'  
 COMPLETION INTERVAL: 3544-3698'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #43  
 LOCATION: 660' FNL 660' FEL, Sec. 8-23S-37E, Unit A  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
13"	15"	40#	260'		
8-5/8"	9-7/8"	32#	1343'	49	calc. 933'
7"	8-3/4"	32#	3402'	125	calc. 2524'

DATE DRILLED: 7-16-37  
 TD: 3712' PBTM 3702'  
 COMPLETION INTERVAL: 3530-3650' OH (SNG shot) Acidized 3675-3690'

REMARKS:

CB

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #44  
 LOCATION: 660' FNL 1980' FWL, Sec. 8-23S-37E, Unit C  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
15-1/2"	18"	70#	118'	100	calc. circulated
7"	8"	20#	3448'	250	calc. 221'

DATE DRILLED: 2-27-40  
 TD: 3680'  
 COMPLETION INTERVAL: 3567-3670'

REMARKS:

WELL NAME: Skelly Penrose "B" Unit #45  
 LOCATION: 660' FNL 660' FWL, Sec. 8-23S-37E, Unit D  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	13-3/4"	24#	364'	250	circulated
5-1/2"	7-7/8"	14#	3750'	1000	circulated

DATE DRILLED: 8-18-57  
 TD: 3750'  
 COMPLETION INTERVAL: 3594-3725'

REMARKS: 8-25-70: Converted to WIW

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #48  
 LOCATION: 1980' FNL 660' FWL, Sec. 8-23S-37E, Unit E  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	13-3/4"	24#	381'	300	calc. circulated
5-1/2"	7-7/8"	14#	3740'	1300	calc. circulated

DATE DRILLED: 9-18-57  
 TD: 3740'  
 COMPLETION INTERVAL: 3560-3684'

REMARKS: 1973: TA  
 7-9-75: Returned to producing status.

WELL NAME: Skelly Penrose "B" Unit #49  
 LOCATION: 1980' FNL 1980' FEL, Sec. 8-23S-37E, Unit G  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	226'	150	calc. circulated
5-1/2"	7"	14#	3690'	300	calc. 1867'

DATE DRILLED: 11-29-56  
 TD: 3700'  
 COMPLETION INTERVAL: 3552-3661'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #55  
 LOCATION: 1980' FSL 660' FEL, Sec. 8-23S-37E, Unit I  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	11-3/4"	40#	235'	200	calc. circulated
7"	8-3/4"	26#	3420'	150	calc. 2366'

DATE DRILLED: 2-6-48  
 TD: 3700'  
 COMPLETION INTERVAL: 3420-3700' OH

REMARKS: TA

WELL NAME: Skelly Penrose "B" Unit #56  
 LOCATION: 1980' FSL 660' FWL, Sec. 8-23S-37E, Unit L  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	32#	321'	300	calc. circulated
7"	8-3/4"	20#	3694'	300	calc. 1587'

DATE DRILLED: 8-12-61  
 TD: 3694'  
 COMPLETION INTERVAL: 3536-80'

REMARKS: 3-15-73: TA  
 7-1-75: Return to producing status  
 11-3-81: S.N. @ 3631'.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #57  
 LOCATION: 660' FSL 1980' FWL, Sec. 8-23S-37E, Unit N  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	13-3/8"	32.75#	370'	250	calc. circulated
7"	8-3/4"	23#	3667'	250	calc. 1911'

DATE DRILLED: 2-12-56  
 TD: 3668' PBTD 3647'  
 COMPLETION INTERVAL: 3601-18'

REMARKS: 4-27-56: Plug off 7" perfs 3601-18' with sand bridge, re-perf 3534-51'  
 11-25-66: Fish lost in hole, top @ 3624'  
 11-16-80: S.N. # 3578', 116 joints 2-3/8" 4.7# casing

WELL NAME: Skelly Penrose "B" Unit #58  
 LOCATION: 660' FSL 1980' FEL, Sec. 8-23S-37E, Unit O  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12"	40#	955'	450	calc. circulated
7"	8-3/4"	23#	3410'	150	calc. 2356'

DATE DRILLED: 7-16-46  
 TD: 3653'  
 COMPLETION INTERVAL: 3453-3653' OH (SNG shot)

REMARKS: 9-9-49: PB to 3360' with B.P.  
 10-10-49: Perf 7" casing from 2510-2754'  
 6-20-67: Squeeze Yates perfs 2510-2754' with 200 sx. Drilled out BP and cleaned to TD of 3653' (OTD). Put well on pump.  
 3-15-73: TA  
 10-17-80: S.N. @ 3593.27'. Don't know when well went back on production.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #59  
 LOCATION: 330' FSL 330' FEL, Sec. 8-23S-37E, Unit P  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	15"	32.75#	313'	300	circulated
5-1/2"	7-7/8"	15#	3634'	620	1560'

DATE DRILLED: 9-17-60  
 TD: 3635'  
 COMPLETION INTERVAL: 3490-3590'

REMARKS: 1-12-74: Converted to WIW, pkr @ 3431'

WELL NAME: Skelly Penrose "B" Unit #63  
 LOCATION: 660' FNL 1980' FEL, Sec. 8-23S-37E, Unit B  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	385'	325	circulated
5-1/2"	7-7/8"	15.5#	3732'	1400	calc. circulated
4-1/2"		11.35#	3730'	200	

DATE DRILLED: 11-30-57  
 TD: 3730'  
 COMPLETION INTERVAL: 3507-3662'

REMARKS: 5-5-61: P&A  
 7-19-67: Re-entered and ran 4-1/2" liner. Perf from 3507-3662'.  
 8-31-70: Converted to WIW

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #41  
 LOCATION: 660' FNL 1980' FWL, Sec. 9-23S-37E, Unit C  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	12-3/4"	40#	171'	100	circulated
7"	8-1/2"	20#	3390'	200 @ 1142' 300 @ 3390'	calc. circulated calc. 892'

DATE DRILLED: 8-3-37 (Well shut in, gas well)  
 TD: 3690'  
 COMPLETION INTERVAL: 3465-3640' OH (SNG shot)

REMARKS: 8-27-45: Opened well  
 9-2-45: Start to drill deeper to 3762'. PB to 3750'  
 SNG shot 3635-3750' OH, cleaned to 3762'. Gas estimate: 350 MCFPD  
 4 BOPD flowing.  
 8-19-75: repair 7" casing leak, squeeze w/ 250 sx from 390-450' and  
 200 sx from 409-472'.  
 3-23-82: S.N. @ 3713'

WELL NAME: Skelly Penrose "B" Unit #42  
 LOCATION: 660' FNL 660' FWL, Sec. 9-23S-37E, Unit D  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	36#	1115'	350	circulated
7"	8-1/2"	20#	3449'	300	calc. 951'

DATE DRILLED: 8-30-37 (Shut well in, gas well)  
 TD: 3682'  
 COMPLETION INTERVAL: 3580-3490' OH

REMARKS: 3-30-38: Opened well.  
 5-8-38: Rig up cable tools, much caving problems, left lots of junk  
 in hole, shut in on 6-1-38. Top of junk @ 3576'.  
 11-19-57: Sandoil frac OH 3449-3576'. Took 5-1/2 months to recover  
 load oil. Production settled to 2.4 BOPD and 110 MCFPD (5-12-58)  
 7-17-67: Converted to WIW, inject into OH 3449-3576'.  
 8-29-68: Drill by tools left in hole to OTD of 3682'. Ran 4-1/2" casing  
 as liner with top @ 3254' and bottom @ 3682'. Cemented w/ 400 sx. Perf  
 liner from 3586-3618'.  
 10-20-77: Cemented hole in 4-1/2" liner @ 3470'  
 1-22-82: Packer @ 3380' on 110 jts 2-3/8" cement lined tubing.

## SIRGO-COLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #51  
 LOCATION: 1980' FNL 760' FWL, Sec. 9-23S-37E, Unit E  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	372'	250	circulated
5-1/2"	7-7/8"	14#	3630'	200	calc. 1802'

DATE DRILLED: 12-22-57  
 TD: 3630'  
 COMPLETION INTERVAL: 3480-3623'  
 REMARKS: 9-13-80: S.N. @ 3567.59'

WELL NAME: Skelly Penrose "B" Unit #52  
 LOCATION: 1980' FNL 1980' FWL, Sec. 9-23S-37E, Unit F  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	372'	250	circulated
5-1/2"	7-7/8"	14#	3654'	300	calc. 1826'

DATE DRILLED: 10-28-57  
 TD: 3654'  
 COMPLETION INTERVAL: 3512-3633'

REMARKS: 7-19-67: Converted to WIW  
 9-2-72: Squeeze perfs and re-perf from 3526-3626'  
 12-12-77: Set BP @ 3023' and shot 2 holes @ 2508'. Cemented with  
 500 sx.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #53  
 LOCATION: 1980' FSL 1980' FWL, Sec. 9-23S-37E, Unit K  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	370'	225	circulated
5-1/2"	7-7/8"	14#	3660'	200	calc. 2441'

DATE DRILLED: 5-9-58  
 TD: 3660'  
 COMPLETION INTERVAL: 3516-3636'

REMARKS: 12-26-74: Perf 5-1/2" casing @ 2600', squeeze w/ 110 sx, then 100 sx.  
 Perf @ 1005' and squeeze with 500 sx total.  
 4-28-80: S.N. @ 3551.62'

WELL NAME: Skelly Penrose "B" Unit #54  
 LOCATION: 1980' FSL 660' FWL, Sec. 9-23S-37E, Unit L  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	371'	225	circulated
5-1/2"	7-7/8"	14#	3645'	200	calc. 2426'

DATE DRILLED: 12-29-57  
 TD: 3645'  
 COMPLETION INTERVAL: 3523-3636'

REMARKS: 8-27-68: Converted to WIW  
 9-19-72: Squeeze perfs with 500 sx total, re-perf from 3535-3629'  
 12-22-77: Perf 5-1/2" @ 1180' and squeeze with 150 sx.  
 1-18-82: Packer @ 3457' on 111 jts. of 2-3/8" cement lined tbg.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "B" Unit #60  
 LOCATION: 660' FSL 660' FWL, Sec. 9-23S-37E, Unit M  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	32.3#	1100'	325	circulated
5-1/2"	7-7/8"	14#	3670'	275	calc. 1994'

DATE DRILLED: 3-17-60  
 TD: 3670'  
 COMPLETION INTERVAL: 3526-3636'

REMARKS: 3-15-73: TA  
 5-18-83: S.N. @ 3594.91' Don't know when well went back on production.

WELL NAME: Skelly Penrose "B" Unit #61  
 LOCATION: 660' FSL 1980' FWL, Sec. 9-23S-37E, Unit N  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	36#	1120'	325	circulated
5-1/2"	7-7/8"	14#	3700'	300	calc. 1872'

DATE DRILLED: 2-26-60  
 TD: 3700'  
 COMPLETION INTERVAL: 3511-3629'

REMARKS: 3-15-73: TA  
 1-12-74: Converted to WIW, packer @ 3450' on 110 jts. of 2-3/8" cement lined tubing.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #45  
 LOCATION: 660' FNL 660' FEL, Sec. 9-23S-37E, Unit A  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	12-1/2"	40#	159'	100	circulated
8-5/8"	9-1/2"	28#	1168'	100	calc. circulated
7"	8-1/2"	20#	3403'	200	calc. 1737'

DATE DRILLED: 6-1-37  
 TD: 3717'  
 COMPLETION INTERVAL: 3519-3713'

REMARKS:

WELL NAME: Skelly Penrose "A" Unit #46  
 LOCATION: 660' FNL 1980' FEL, Sec. 9-23S-37E, Unit B  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
16"	17"	70#	127'	75	circulated
8-5/8"	11"	28#	1136'	100	calc. 721'
7"	8-1/4"	20#	3451'	200	calc. 1420'

DATE DRILLED: 9-1-37  
 TD: 3642'  
 COMPLETION INTERVAL: 3630-3493' OH

REMARKS: 1-2-68: Converted to WIW  
 8-29-72: Ran 5" liner from 3318-3642' and cemented with 300 sx.  
 Perf liner from 3516-3624'.  
 2-27-75: Shot 7" casing @ 2600' with 2 holes and squeezed with 400 sx  
 Cemented between 8-5/8" and 7" with 125 sx. Re-squeeze perfs in 7"  
 with 250 sx. Perf 5-1/2" liner from 3484-3624'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #47  
 LOCATION: 1980' FNL 1980' FEL, Sec. 9-23S-37E, Unit G  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	22.7#	358'	300	circulated
5-1/2"	7-7/8"	14#	3650'	200	calc. 2431'

DATE DRILLED: 8-12-57  
 TD: 3650'  
 COMPLETION INTERVAL: 3502-3634'

REMARKS: 3-13-74: Shot 5-1/2" casing with 2 holes @ 2600' and 2700'. Squeeze with 250 sx and cemented down 8-5/8" with 150 sx.

WELL NAME: Skelly Penrose "A" Unit #48  
 LOCATION: 1980' FNL 660' FEL, Sec. 9-23S-37E, Unit H  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	36#	1175'	400	circulated
7"	8-3/4"	20#	3410'	400	calc. 600'

DATE DRILLED: 12-13-49  
 TD: 3709'  
 COMPLETION INTERVAL: 3535-3675'

REMARKS: 11-30-67: Converted to WIW  
 3-31-75: Perf 7" @ 2600' and 2596' with 2 holes each. Set 5" liner from 3180-3709' and cemented with 300 sx. Perf 5" from 3494-3634'.  
 8-25-78: Perf 2 holes @ 2349 and 2350', set RBP @ 2993' and pkr @ 2139'. Cemented with 250 sx, set pkr @ 2136' and cemented with 150 sx. Set pkr @ 2105' and squeeze perfs with 150 sx.  
 2-2-80: Perf 1 hole @ 1190', set pkr @ 887', cmt w/ 300 sx, TOC @ 750' by temp. survey.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #56  
 LOCATION: 1650' FSL 660' FEL, Sec. 9-23S-37E, Unit I  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	374'	175	calc. circulated
5-1/2"	7-7/8"	14#	3664'	75 @ 1146' 200 @ 3664'	calc. 689' calc. 2445'

DATE DRILLED: 10-14-61  
 TD: 3665'  
 COMPLETION INTERVAL: 3520-3632'

REMARKS:

WELL NAME: Skelly Penrose "A" Unit #57  
 LOCATION: 1980' FSL 1980' FEL, Sec. 9-23S-37E, Unit J  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	375'	250	calc. circulated
5-1/2"	7-7/8"	14#	3642'	125 @ 1137' 250 @ 3642'	calc. 375' calc. 2119'

DATE DRILLED: 10-30-58  
 TD: 3642'  
 COMPLETION INTERVAL: 3496-3628'

REMARKS: 11-8-67: Converted to WIW  
 9-11-72: Squeeze perfs and re-perf from 3520-3606'

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose "A" Unit #58  
 LOCATION: 660' FSL 1980' FEL, Sec. 9-23S-37E, Unit 0  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	32.3#	573'	275	calc. circulated
4-1/2"	6-3/4"	9.5#	3632'	250 @ 1125' 250 @ 3632'	calc. circulated calc. 1720'

DATE DRILLED: 7-16-59  
 TD: 3634'  
 COMPLETION INTERVAL: 3483-3600'

REMARKS:

WELL NAME: Skelly Penrose "A" Unit #59.  
 LOCATION: 660' FSL 660' FEL, Sec. 9-23S-37E, Unit P  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	32#	355'	208	calc. circulated
4-1/2"	6-3/4"	9.5#	3639'	150 @ 1152' 250 @ 3639'	calc. circulated calc. 1727'

DATE DRILLED: 9-2-59  
 TD: 3640'  
 COMPLETION INTERVAL: 3504-3620'

REMARKS: 5-2-74: Converted to WIW  
 4-18-86: Repair casing leak. Hole @ 740', cemented with 400 sx  
 (CIBP @ 3400') Spot 50 sx from 775-350'.

## SIRGO-COLLIER, INC.

WELL NAME: N.M. BZ State NCT-8 #1  
 LOCATION: 1980' FNL 660' FEL, Sec. 16-23S-37E, Unit E  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	1085'	800	circulated
5-1/2"	7-7/8"	14#	2642'	350	calc. 1509'

DATE DRILLED: 3-22-56  
 TD: 3654'  
 COMPLETION INTERVAL: 3610-3650'

REMARKS: 2-28-80: Re-perf from 3470-3528'

WELL NAME: N.M. BZ State NCT-8 #2  
 LOCATION: 1980' FNL 1980' FWL, Sec. 16-23S-37E, Unit F  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	1084'	800	calc. circulated
5-1/2"	6-3/4"	14#	3646'	300	calc. circulated

DATE DRILLED: 12-9-56  
 TD: 3648'  
 COMPLETION INTERVAL: 3530-3579'

REMARKS: 2-7-60: Perf 3477-93; 3590-96'  
 8-5-77: Converted to WIW, perf 5-1/2" from 3465-67 and 3498-3500'.  
 Packer @ 3430'

## SIRGO-COLIER, INC.

WELL NAME: N.M. BZ State NCT-8 #4  
 LOCATION: 1980' FNL 1980' FEL, Sec. 16-23S-37E, Unit G  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	1084'	800	circulated
4-1/2"	6-3/4"	11.6#	3650'	400	calc. 591'

DATE DRILLED: 10-28-57  
 TD: 3650 PBDT 3645'  
 COMPLETION INTERVAL: 3526-3578'  
 REMARKS: 12-27-85: Perf 4-1/2" casing from 3444-3514'

WELL NAME: N.M. BZ State NCT-8 #5  
 LOCATION: 660' FNL 1980' FWL, Sec. 16-23S-37E, Unit C  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	1095'	600	calc circulated
7"	7-7/8"	26#	2460'	400	calc. circulated
4-1/2"	6-1/8"	11.6#	3722'	500	calc. circulated

DATE DRILLED: 4-4-59  
 TD: 3722' PBDT 3708'  
 COMPLETION INTERVAL: 3530-3682'

REMARKS:

## SIRGO-COLIER, INC.

WELL NAME: N.M. BZ State NCT-8 #6  
 LOCATION: 660' FNL 1980' FEL, Sec. 16-23S-37E, Unit B  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/4"	32.3#	1097'	600	calc. circulated
4-1/2"	6-1/8"	11.6#	3660'	800	calc. circulated

DATE DRILLED: 4-19-59  
 TD: 3660' PBTD 3648'  
 COMPLETION INTERVAL: 3490-3608'

REMARKS: 12-20-77: Converted to WIW, perf 3482-84 and 3515-17'

WELL NAME: N.M. BZ State NCT-8 #8  
 LOCATION: 660' FNL 660' FWL, Sec. 16-23S-37E, Unit D  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	14-1/4"	32.3#	1095'	650	circulated
4-1/2"	6-1/8"	11.6#	3700'	1100	calc. circulated

DATE DRILLED: 5-15-59  
 TD: 3700' PBTD 3666'  
 COMPLETION INTERVAL: 3492-3611'

REMARKS: 8-18-77: Converted to WIW, perf 3481-83' and 3512-14'

## SIRGO-COLLIER, INC.

WELL NAME: N.M. BZ State NCT-8 #9  
 LOCATION: 660' FNL 660' FEL, Sec. 16-23S-37E, Unit A  
 OPERATOR: Texaco Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	12-1/2"	32.3#	1095'	650	circulated
4-1/2"	6-1/4"	11.6#	3703'	850	400' T.S.

DATE DRILLED: 5-28-59  
 TD: 3703' PBTD 3677'  
 COMPLETION INTERVAL: 3498-3616'

REMARKS:

WELL NAME:  
 LOCATION:  
 OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD:  
 COMPLETION INTERVAL:

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Lea #1 WATER DISPOSAL WELL  
 LOCATION: 660' FNL 1650' FEL, Sec. 17-23S-37E, Unit B  
 OPERATOR: Chaparral Service, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
12-3/4"	15"	30#	30'	Redi-mix	surface
8-5/8"	12-1/4"	24#	1151'	550	circulated
5-1/2"	7-7/8"	17#	7194'	700 1800	circulated circulated

DATE DRILLED: 9-18-81  
 TD: 7200' PBTM 7150'  
 COMPLETION INTERVAL: 6466-6610; 6731-6852; 7093-7160'

REMARKS: 5-3-82: Set CIBP @ 6350', perf 5-1/2" from 5510-5664'.  
 10-24-85: Convert to disposal well, set CIBP @ 5050' and perf 5-1/2" from 4125-4699'. Ran 2-7/8" tubing and packer to 4100'.

WELL NAME: Lea #2 WATER DISPOSAL WELL  
 LOCATION: 850' FNL 950' FEL, Sec. 17-23S-37E, Unit A  
 OPERATOR: Chaparral Service, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	1117'	550	circ. 69 sx
5-1/2"	7-7/8"	17#	6691'	455 1st stage 1000 2nd stage	circ. 100 sx

DATE DRILLED: 3-17-82  
 TD: 6700' PBTM 6648'  
 COMPLETION INTERVAL: Attempted 6451-6544', set CIBP @ 6410' with 4 sx cmt on top, perf 6138-6298'.  
 REMARKS: 11-27-84: P&A with CIBP @ 6050' with 10 sx on top.  
 1-7-88: Re-enter and drill to 5500'. Perf casing from 4148-4576', ran 2-3/8" tubing and packer to 4063'.

## SIRGO-COLLIER, INC.

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #3  
 LOCATION: 1300' FNL 500' FWL, Sec. 17-23S-37E, Unit D  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	20#	334'	300	circ. 60 sx
5-1/2"	7-7/8"	14#	3750'	600	circ. 40 sx

DATE DRILLED: 8-15-84  
 TD: 3750'  
 COMPLETION INTERVAL: 3422-3696'

REMARKS:

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #4  
 LOCATION: 1485' FNL 1800' FWL, Sec. 17-23S-37E, Unit F  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	363'	300	circ. 75 sx
5-1/2"	7-7/8"	14#	3750'	885	circ. 110 sx

DATE DRILLED: 3-22-85  
 TD: 3750'  
 COMPLETION INTERVAL: 3368-3561'

REMARKS:

## SIRGO-COLIER, INC.

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #7  
 LOCATION: 1980' FNL 660' FWL, Sec. 17-23S-37E, Unit E  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
10-3/4"	13-3/4"	32.75#	289'	275	circulated
7"	9"	23#	3459'	675	1410'

DATE DRILLED: 9-15-54  
 TD: 3618'  
 COMPLETION INTERVAL: OH

REMARKS:

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #8  
 LOCATION: 1980' FNL 1800' FWL, Sec. 17-23S-37E, Unit F  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	1139'	350	circulated
5-1/2"	7-7/8"	14#	3551'	225	2616'

DATE DRILLED: 4-28-55  
 TD: 3640'  
 COMPLETION INTERVAL: OH

REMARKS: 1-25-56: PB to 3568'. Squeeze 90 sx over OH section 3554-3568'.  
 Perf casing from 3520-3444'  
 7-15-56: Squeeze perfs.  
 5-21-73: Converted to WIW.

## SIRGO-COLLIER, INC.

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #11  
 LOCATION: 660' FNL 330' FWL, Sec. 17-23S-37E, Unit D  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	387'	230	circulated
5-1/2"	7-7/8"	9.5#	3686'	400	calc. 1249'

DATE DRILLED: 12-12-65  
 TD: 3686'  
 COMPLETION INTERVAL: 3556-3671'

REMARKS: 5-21-73: Converted to WIW

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #14  
 LOCATION: 990' FNL 1850' FWL, Sec. 17-23S-37E, Unit C  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	411'	200	circulated
4-1/2"	7-7/8"	9.5#	3631'	300	calc. 2240'

DATE DRILLED: 10-1-72  
 TD: 3632'  
 COMPLETION INTERVAL: 3478-3607'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: E. L. Steeler #2  
 LOCATION: 660' FNL 660' FEL, Sec. 17-23S-37E, Unit A  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
13"	?	50#	255'	250	circulated
9-5/8"	?	40 & 36#	3881'	2200	calc. circulated
7"	?	23#	7200'	570	?

DATE DRILLED: 3-13-45

TD: 7200'

COMPLETION INTERVAL: Dry hole, P&amp;A after drilling, no records on such.

REMARKS: 9-46: Re-entered and deepened to 10,589', then P&A, 7" cut @ 2300' and pulled. Spot 50 sx @ 4000'. (-5/8" cut @ 1441' and pulled. Plug from 1450-1350'. Cement 50' to surface. P&A 10-11-50.  
 4-25-55: Re-enter and cleaned to 3742', Set 7" @ 1620' with 75 sx.  
 Perf 7" @ 2965-3030 and 3506-3578'.  
 3-27-79: Perf 3590-3600 and 3614-22'.

WELL NAME: E. L. Steeler #3  
 LOCATION: 1980' FNL 660' FEL, Sec. 17-23S-37E, Unit H  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
9-5/8"	?	36#	1087'	300	?
5-1/2"	?	?	3300'	200	?

DATE DRILLED: 11-22-45

TD: 3727'

COMPLETION INTERVAL: Not completed.

REMARKS: 12-3-45: TA with 100 sx cmt to 2813'  
 7-2-53: Drill plugs to OTD of 3727'. PB to 3570'. Ran 5-1/2" at this time. OH completion.  
 2-28-75: Converted to WIW  
 2-6-79: Drill out to 3625'. Ran 4" liner with top @ 3244', cmt 150 sx Perf 4" @ 3476-3617'.  
 1-26-88: TA, CIEP @ 3200' with cement on top.

## SIRGO-COLLIER, INC.

WELL NAME: E. L. Steeler #8  
 LOCATION: 1980' FNL 1980' FEL, Sec. 17-23S-37E, Unit G  
 OPERATOR: Texaco Producing, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	1120'	400	circulated
7"	8-3/4"	20#	3450'	200	2045'

DATE DRILLED: 4-29-54

TD: 3691'

COMPLETION INTERVAL: OH

REMARKS: 3-21-79: PB to 3617'.

WELL NAME:

LOCATION:

OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:

TD:

COMPLETION INTERVAL:

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Langlie Mattix "B-4" Penrose Queen Unit #12  
 LOCATION: 660' FNL 660' FEL, Sec. 18-23S-37E, Unit A  
 OPERATOR: Samedan Oil Corp.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	11"	24#	393'	230	circulated
4-1/2"	7-7/8"	9.5#	3732'	300	calc. 2341'

DATE DRILLED: 4-6-67  
 TD: 3733'  
 COMPLETION INTERVAL: 3586-3692'

REMARKS:

WELL NAME:  
 LOCATION:  
 OPERATOR:

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD:  
 COMPLETION INTERVAL:

REMARKS:

NEW WELLS DRILLED ON THE SKELLY PENROSE B UNIT  
SINCE ASSUMPTION OF OPERATION BY SIRGO-COLLIER, INC.

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose B Unit #64  
 LOCATION: 2617 FNL 1366 FWL, Sec. 5-23S-37E, Unit F  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	410'	200	Circ. 50 sx
5-1/2"	7-7/8"	15.5#	3905'	1000	Circ. 200 sx

DATE DRILLED: 3-19-88  
 TD: 3905'  
 COMPLETION INTERVAL: 3648-3790'

REMARKS:

WELL NAME: Skelly Penrose B Unit #65  
 LOCATION: 1357 FNL 15 FWL, Sec. 4-23S-37E, Unit D  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	421'	250	Circ. 42 sx
5-1/2"	7-7/8"	15.5#	3944'	1375	Circ. 0 sx

DATE DRILLED: 3-27-88  
 TD: 3944'  
 COMPLETION INTERVAL: 3569-3712'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose B Unit #66  
 LOCATION: 1330 FSL 1307 FWL, Sec. 5-23S-37E, Unit L  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	432'	250	Circ. 5 sx
5-1/2"	7-7/8"	15.5#	3964'	1045	Circ. 135 sx

DATE DRILLED: 3-7-88  
 TD: 3972'  
 COMPLETION INTERVAL: 3612-3740'

REMARKS:

WELL NAME: Skelly Penrose B Unit #67  
 LOCATION: 2555 FSL 1350 FEL, Sec. 5-23S-37E, Unit J  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	420'	350 sx	Circ. 106 sx
5-1/2"	7-7/8"	15.5#	3870'	3700 sx	Circ. 0 sx

DATE DRILLED: 6-10-88  
 TD: 3870'  
 COMPLETION INTERVAL: 3599-3721'

REMARKS:

## SIRGO-COLLIER, INC.

WELL NAME: Skelly Penrose B Unit #68  
 LOCATION: 1340 FSL 1350 FEL, Sec. 5-23S-37E, Unit J  
 OPERATOR: Sirgo-Collier, Inc.

Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC
8-5/8"	12-1/4"	24#	427'	350	Circ. 25 sx
5-1/2"	7-7/8"	15.5#	3920'	875	Circ. 75 sx

DATE DRILLED: 6-20-88  
 TD: 3920'  
 COMPLETION INTERVAL: 3570-3686'

REMARKS:

WELL NAME:  
 LOCATION:  
 OPERATOR:

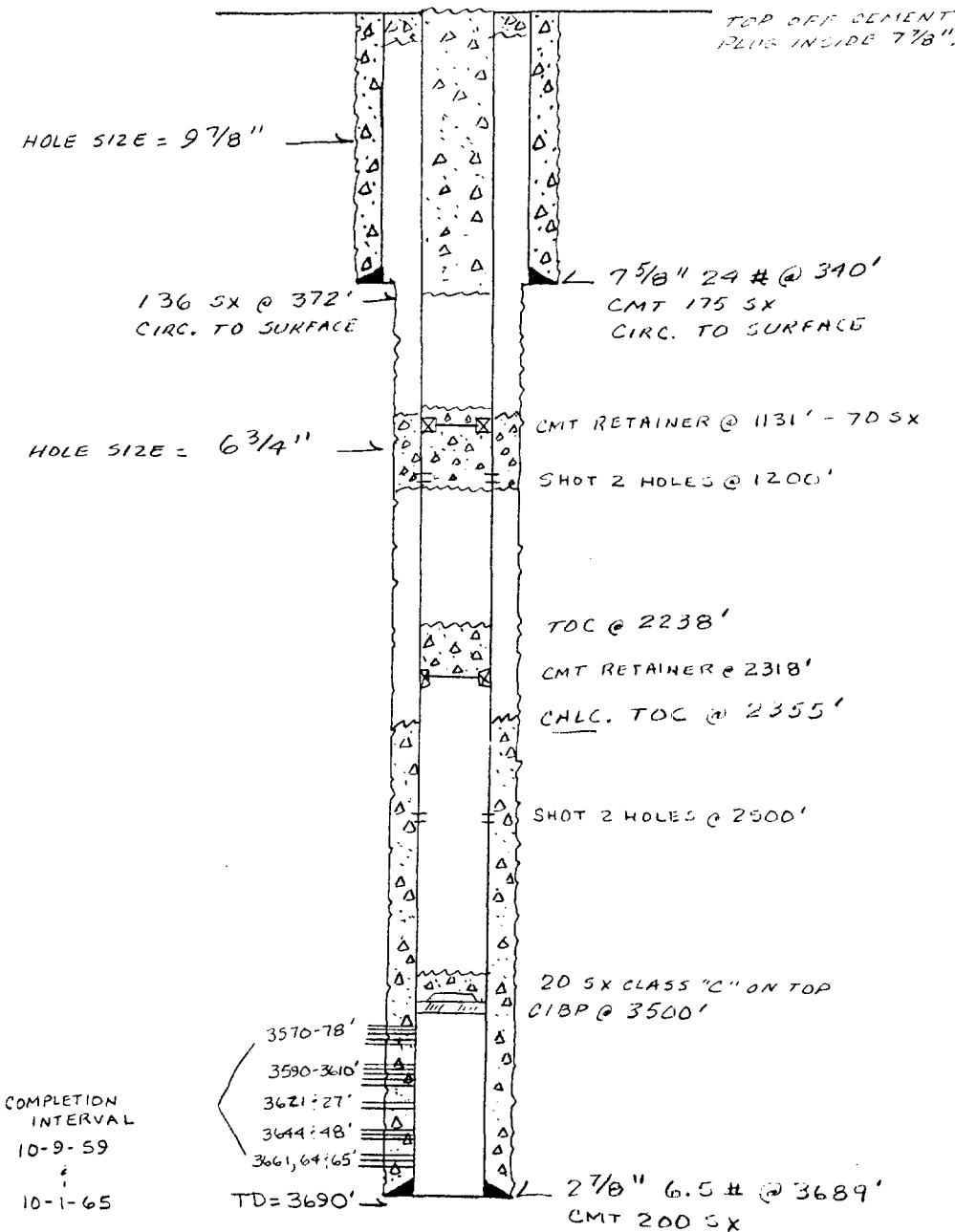
Size Casing	Size Hole	Weight per Foot	Setting Depth	Sacks Cement	TOC

DATE DRILLED:  
 TD:  
 COMPLETION INTERVAL:

REMARKS:

WELLBORE DIAGRAMS OF P&A WELLS

LEASE NAME AND WELL NO.: New Mexico "M" State #16  
WELLBORE DIAGRAM AS OF (DATE): 3-13-84 - PIA



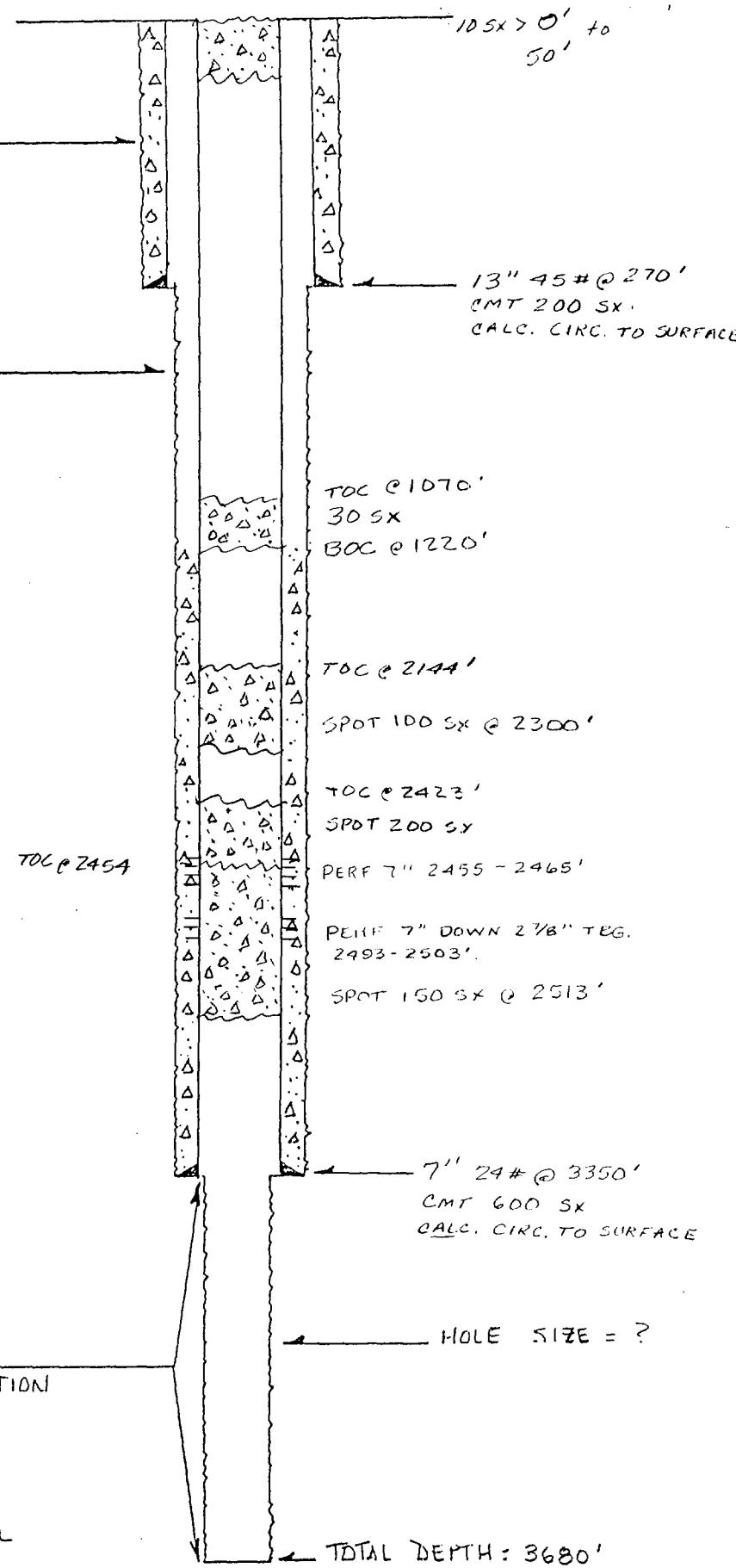
LEASE NAME AND WELL NO.: NEW MEXICO "M" STATE #16, UNIT J  
STATE: N.M. COUNTY: LEA BLOCK: — SECTION: 29  
TOWNSHIP: 22-S RANGE: 37-E LEGAL DESCRIPTION: 1980 FSL 1980 FEL  
OPERATOR: Kirby Expl. Co. of Texas WORKING INTEREST: \_\_\_\_\_ ROYALTY INTEREST: \_\_\_\_\_  
TOTAL DEPTH: 3690' PBTD: \_\_\_\_\_ GROUND LEVEL: \_\_\_\_\_ KB: \_\_\_\_\_  
COMPLETION: 3570-3665' CURRENT STATUS: P+A  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SKELLY OIL CO.

SKELLY PENROSE "A" #17

UNIT F

P.A 5-29-68



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HOBBS OFFICE  
NEW MEXICO OIL CONSERVATION COMMISSION

JUN 4 11 65 AM '68  
CORRECTED REPORT

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No. -----	

**SUNDY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER -	7. Unit Agreement Name <b>Skelly Penrose "A" Unit</b>
2. Name of Operator <b>SKELLY OIL COMPANY</b>	8. Farm or Lease Name -----
3. Address of Operator <b>P. O. Box 730 - Hobbs, New Mexico 88240</b>	9. Well No. <b>19</b>
4. Location of Well UNIT LETTER <b>"F"</b> , 1980 FEET FROM THE <b>North</b> LINE AND <b>1980</b> FEET FROM THE <b>West</b> LINE, SECTION <b>4</b> TOWNSHIP <b>238</b> RANGE <b>37E</b> NMPM.	10. Field and Pool, or Wildcat <b>Langlie Mattix</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3331' DF</b>	12. County <b>Lea</b>

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>

CHANGE PLANS <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
<b>TER</b> <input type="checkbox"/>	OTHER _____

ALTERING CASING <input type="checkbox"/>
PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
----- <input type="checkbox"/>

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

**NOTE:** During the attempt to convert this well to injection service, the tubing parted, resulting in the loss of tubing and a tension type packer in the hole. Most of the tubing was recovered, but attempts to recover the packer were unsuccessful and all indications are that the 7"OD casing is parted or collapsed above the packer at about 2280' to 2300'. Attempts to mill over the packer resulted in the workover tools leaving the casing in the interval 2280-2300' (by Schlumberger Collar Log). A new hole was washed and drilled to 2690' alongside the existing casing string. Due to this, the tubing was run inside 7"OD casing to about 2280', then outside to perforate 7"OD casing and spot cement plugs to plug and abandon this well.

Moved in and rigged up Workover Unit. Ran 2-7/8"OD tubing open-ended to 2615' outside 7"OD casing, unable to go below 2615'. Raised tubing to 2475'. Perforated 7"OD casing down 2-7/8"OD tubing 2493-2503' with 4 shots per foot, no loss of fluid. Raised tubing to 2445' and perforated 7"OD casing down 2-7/8"OD tubing 2455-2465' with 4 shots per foot and no loss of fluid. Lowered tubing to 2513', circulated hole clean and spotted 150 sacks cement. Pulled tubing.

(Continued on next page)

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

(*Original*) *V. E. Fletcher*

TITLE **District Superintendent**

DATE **June 3, 1968**

APPROVED BY *V. E. Fletcher*

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

HORBS OFFICE O. C. C.

Form C-103

Elly Penrose "A" Unit Well No. 19 || 11 45 AM '68  
continued

-2-

Ran 2-7/8"OD tubing, found top of cement outside 7"OD casing at 2454', spotted 200 sacks cement and pulled tubing. Pressured up to 500# with 12-1/2 barrels fluid, held pressure 3 hours, released and found top of cement outside 7"OD casing at 2423'. Picked up tubing to 2300', spotted 100 sacks cement. Pulled tubing. Pressured up to 500# with 10 barrels fluid.

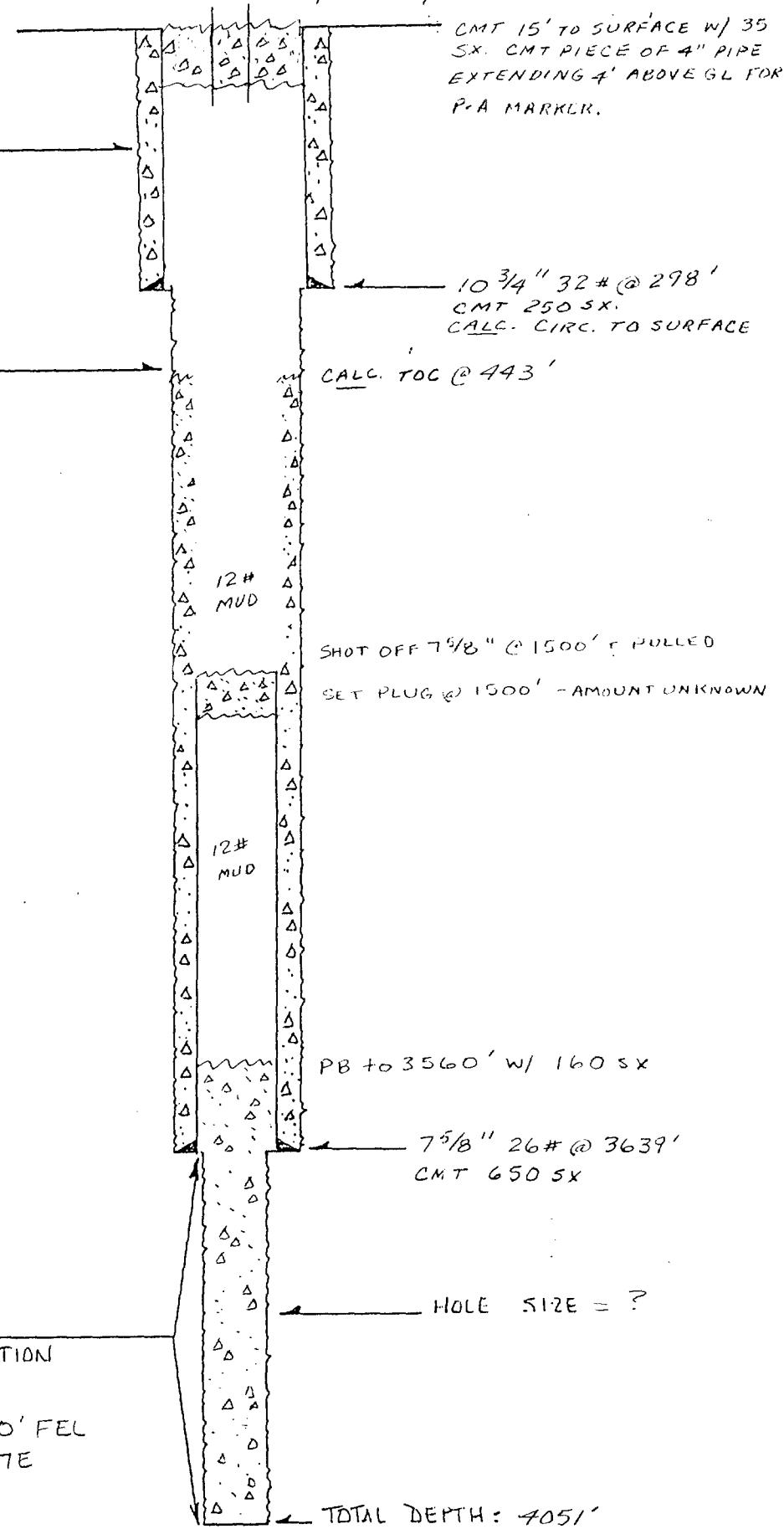
Ran 2-7/8"OD tubing open-ended, found top of cement inside 7"OD casing at 2144'. Raised tubing and spotted 30-sack cement plug 1220-1070' and 10-sack plug 50' to surface. Installed 4" marker and released workover rig May 24, 1968.

The pits have been filled and this location cleared and levelled.

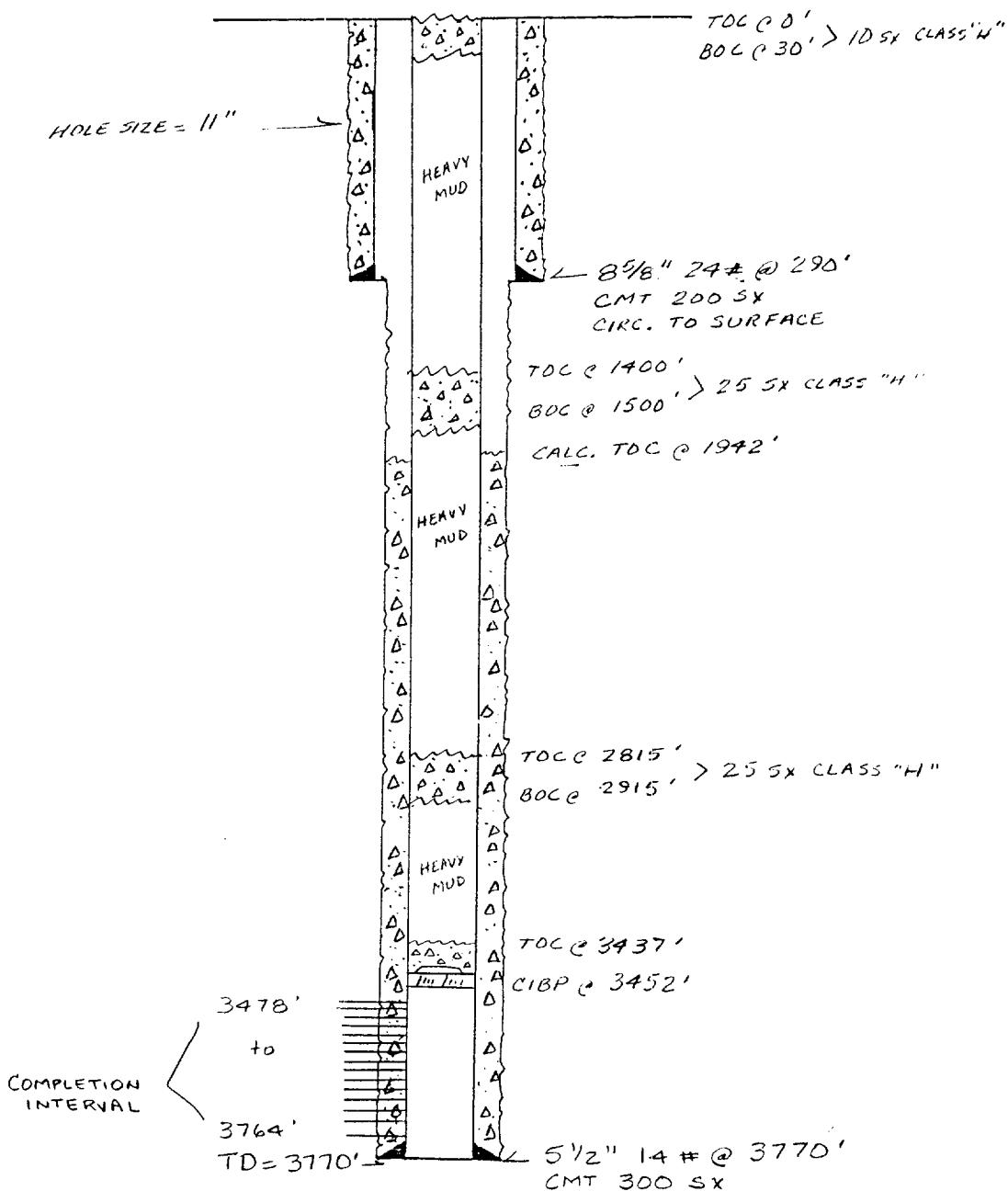
GULF OIL CORP.

FRED C. KING #1      UNIT M

9-36 - P; A - Dry Hole

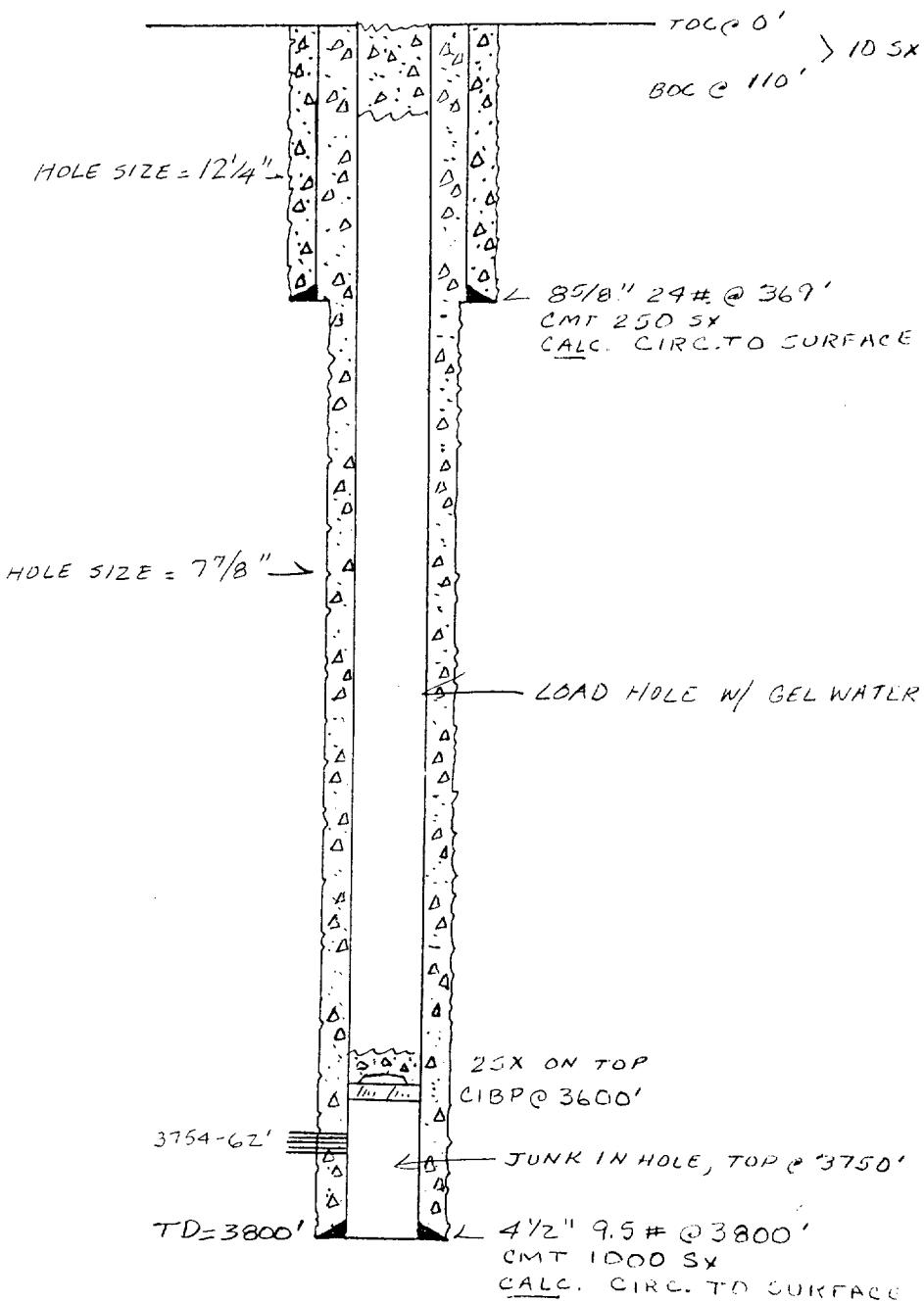


LEASE NAME AND WELL NO.: W.H. KING #2  
WELLBORE DIAGRAM AS OF (DATE): 9-16-75 P/A



LEASE NAME AND WELL NO.: W.H. KING #2      UNIT L  
STATE: NM COUNTY: LEA BLOCK: - SECTION: 6  
TOWNSHIP: 23-S RANGE: 37-E LEGAL DESCRIPTION: 1650 FSL 330 FWL  
OPERATOR: Dalport Oil Corp. WORKING INTEREST:        ROYALTY INTEREST:         
TOTAL DEPTH: 3770' PBD: - GROUND LEVEL:        KB:         
COMPLETION: 3478-3764' CURRENT STATUS: P; A - 9-16-75  
REMARKS:

LEASE NAME AND WELL NO.: A.D. RICHARDS #5  
WELLBORE DIAGRAM AS OF (DATE): 12-5-70 P-A



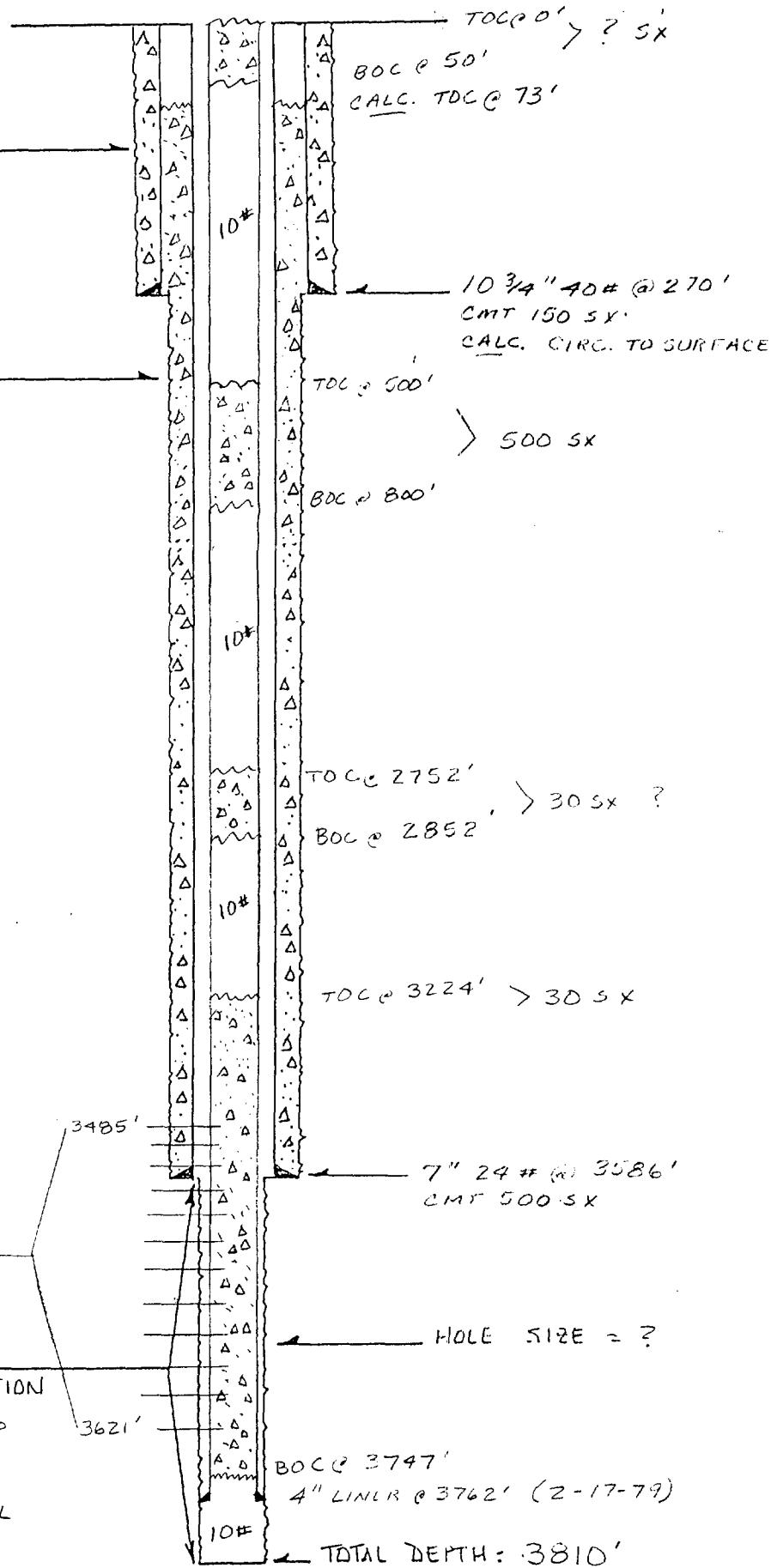
LEASE NAME AND WELL NO.: A.D. RICHARDS #5 UNIT D  
STATE: NM COUNTY: LEA BLOCK: - SECTION: 7  
TOWNSHIP: 23-S RANGE: 37-E LEGAL DESCRIPTION: 660 FNL 430 FWL  
OPERATOR: SUN OIL Co. WORKING INTEREST: - ROYALTY INTEREST: -  
TOTAL DEPTH: 3800' PBTD: - GROUND LEVEL: - KB: -  
COMPLETION: 3754-3762' CURRENT STATUS: P-A 12-5-70  
REMARKS: Originally completed 5-3-61

TEXACO PRODUCING, INC.

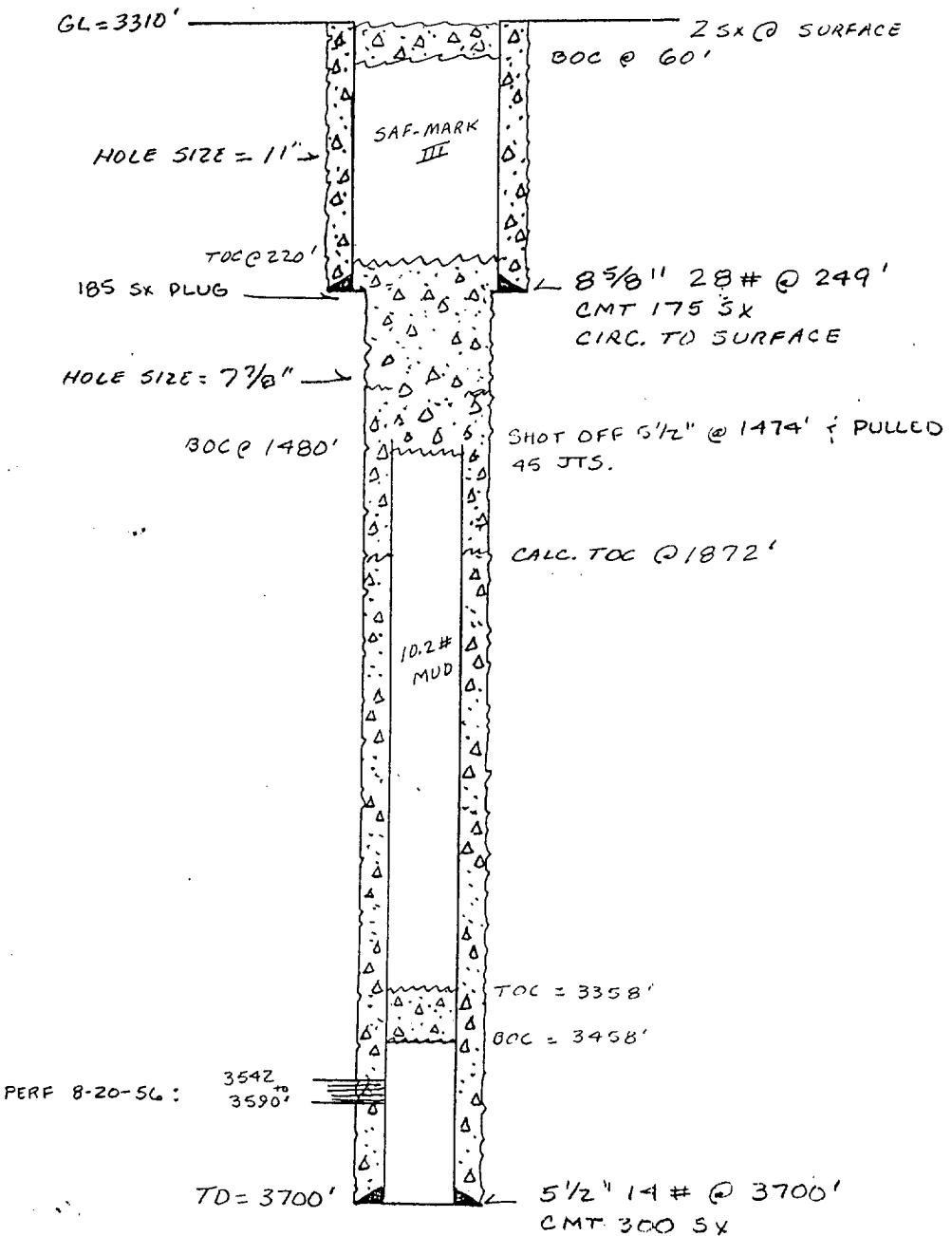
E.L. STEELER #1

UNIT B

4-28-86 N:A



LEASE NAME AND WELL NO.: PENROSE "B" #50  
WELBORE DIAGRAM AS OF (DATE): 9-30-75



LEASE NAME AND WELL NO.: PENROSE "B" #50      UNIT H  
STATE: NM COUNTY: LEA BLOCK: - SECTION: 8  
TOWNSHIP: 23-S RANGE: 37-E LEGAL DESCRIPTION: 1650 FNL 990 FEL  
OPERATOR: SCI WORKING INTEREST:  ROYALTY INTEREST:   
TOTAL DEPTH: 3700' PBTD:  GROUND LEVEL: 3310' XE: DF = 3320'  
COMPLETION: 3542 - 3590' CURRENT STATUS: PcA 4-30-75  
REMARKS: \_\_\_\_\_

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NO OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	Plugged & Abandoned	7. Unit Agreement Name Skelly Penrose "B" Ur
2. Name of Operator Skelly Oil Company		8. Farm or Lease Name Skelly Penrose "B" Ur
3. Address of Operator P. O. Box 1351, Midland, Texas 79701		9. Well No. 50
4. Location of Well UNIT LETTER <u>H</u> , <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>8</u> TOWNSHIP <u>23S</u> RANGE <u>37E</u> NMPM.		10. Field and Pool, or Wildcat Langlie-Mattix
15. Elevation (Show whether DF, RT, GR, etc.) 3320' DF		12. County Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>
THER <input type="checkbox"/>			

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

- 1) Moved in workover rig April 27, 1975.
- 2) Set 12 sack cement plug 3358-3458'.
- 3) Shot off 5-1/2" OD casing at 1474' and pulled 45 jts.
- 4) Cemented down 8-5/8" OD casing with 150 sacks Class C cement with 3/4# unibeads per sack 2% CaCl and 150 sacks Class C neat cement 2% CaCl and 100 sacks Class H cement, displaced to 900'. Well back flowed cement to cellar.
- 5) Loaded hole with 500 gals. SAF-MARK III.
- 6) Set 185 sack cement plug 220-1480'.
- 7) Set 2 sack cement plug surface-60'.
- 8) Installed dry hole marker.

Well plugged and abandoned May 4, 1975.

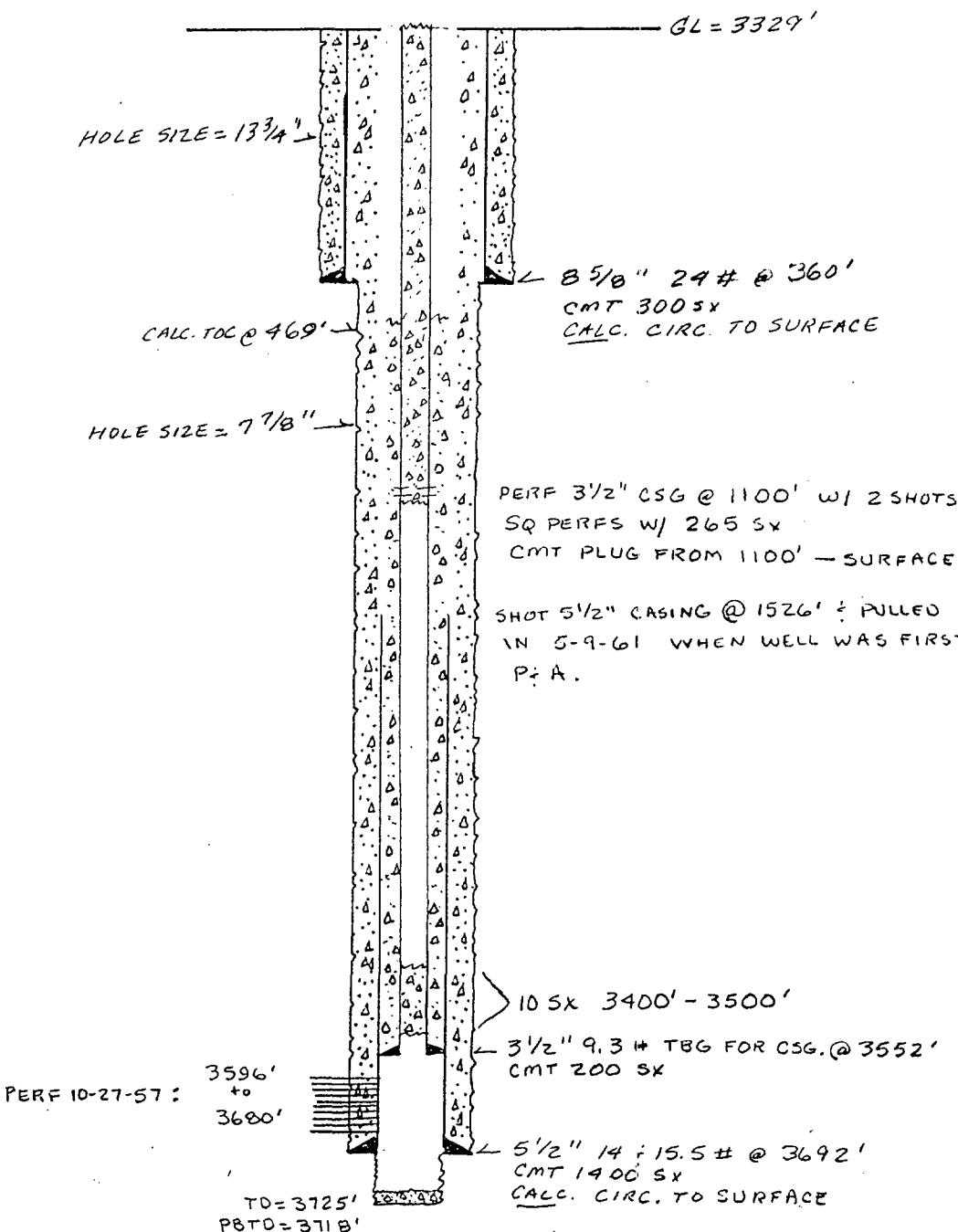
All intervals not cemented or otherwise filled were filled with 10.2# mud.

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

(2nd) J. R. Avent J. R. Avent TITLE Dist. Admin. Coordinator DATE May 20, 1975  
SIGNED

APPROVED BY John W. Penrose TITLE DATE  
CONDITIONS OF APPROVAL, IF ANY

LEASE NAME AND WELL NO.: PENROSE 'B' #62  
WELLBORE DIAGRAM AS OF (DATE): 9-26-75



LEASE NAME AND WELL NO.: PENROSE "B" # 62 UNIT F  
STATE: N.M. COUNTY: LEA BLOCK: — SECTION: 8  
TOWNSHIP: 23-S RANGE: 37-E LEGAL DESCRIPTION: 1980 FNL 1980 FWL  
OPERATOR: SCI WORKING INTEREST:        ROYALTY INTEREST:         
TOTAL DEPTH: 3725' PBTD: 3718' GROUND LEVEL: 3329' KB:         
PLETION: 3596-3680' CURRENT STATUS: P/A  
REMARKS: Ran 3 1/2" TBG FOR CASING WHEN WELL WAS RE-ENTERED & CONVERTED TO  
WATER INJECTION. P/A - 4-26-75

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S.	
AND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE C. C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

JUL 12 1967  
12 05 PM '67

Form C-103  
Fee.

5a. Indicate Type of Lease  
State  Fee.   
5. State Oil & Gas Lease No.

**SUNDY NOTICES AND REPORTS ON WELLS**

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

OIL WELL  GAS WELL  OTHER.

Name of Operator

Skelly Oil Company

Address of Operator

Box 730 - Hobbs, New Mexico

Location of Well

UNIT LETTER F, 1980 FEET FROM THE North LINE AND 1980 FEET FROM

THE West LINE, SECTION 8 TOWNSHIP 238 RANGE 37E N.M.P.M.

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

3329' DF

12. County

Lea

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

PERFORM REMEDIAL WORK   
TEMPORARILY ABANDON   
ULL LTER CASING   
OTHER \_\_\_\_\_

PLUG AND ABANDON   
CHANGE PLANS

REMEDIAL WORK   
COMMENCE DRILLING OPS.   
CASING TEST AND CEMENT JOB   
OTHER Drill out, convert to water injection

ALTERING CASING   
PLUG AND ABANDONMENT

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

Skelly Penrose "B" Unit No. 62, a plugged and abandoned well, was re-entered and drilled for water injection in the following manner:

1. Drilled and cleaned out cement plugs to P.B.T.D. 3718'.
2. Ran 3-1/2"OD 9.3# tubing for casing through 5-1/2"OD casing and set at 3532'. Cemented with 200 sacks. Plug down 9:00 A.M. 6-29-67. WOC 24 hours.
3. Drilled cement inside 3-1/2"OD casing; cleaned out to 3718'.
4. Ran Gamma Ray Neutron Log to 3718'.
5. Ran 2-1/16"OD tubing with packer; set packer at 3495'. Installed Injection Well Head.
6. Water is being injected through 5-1/2"OD casing perforations 3596-3680' into the Penrose Sand Formation.

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

(ORIGINAL) V. E. Fletcher

TITLE District Superintendent

DATE July 12, 1967

SIGNED \_\_\_\_\_

APPROVED BY \_\_\_\_\_

DATE \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

FILED NO. 1

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

SA. Indicate Type of Lease	
State <input type="checkbox"/>	Fees <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER. <b>Injection Well</b>	7. Unit Agreement Name <b>Skelly Penrose "B" Unit</b>
Name of Operator <b>kelly Oil Company</b>		8. Farm or Lease Name <b>Skelly Penrose "B" Unit</b>	
Address of Operator <b>P.O. Box 1351, Midland, Texas 79701</b>		9. Well No. <b>62</b>	
UNIT LETTER <b>F</b>	1980 FEET FROM THE	North LINE AND 1980 FEET FROM	10. Field and Pool, or Wildcat <b>Langlie-Mattix</b>
LINE <b>West</b>	SECTION <b>9 S'</b>	TOWNSHIP <b>23S</b>	RANGE <b>37E</b> NMPM.
		11. Elevation (Show whether DF, RT, CR, etc.) <b>3329' DF</b>	
		12. County <b>Lea</b>	

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

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
MARILY ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
L OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>
OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JQB <input type="checkbox"/>

CHANGE PLANS <input type="checkbox"/>	OTHER <input type="checkbox"/>
OTHER <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
OTHER <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>

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

- 1) Moved in workover rig April 25, 1975.
- 2) Set 10 sacks cement plug 3400-3500'.
- 3) Perforated 3-1/2" OD casing at 1100' with two 0.33" diameter holes.
- 4) Cement squeezed casing perfs. at 1100' with 265 sacks cement and set plug surface-1100'.
- 5) Installed dry hole marker.
- 6) Well plugged and abandoned April 26, 1975.

All intervals not cemented were filled with 10.2# mud.

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

(S) **ed) D. R. Crow**

**D. R. Crow**

**Lead Clerk**

**April 30, 1975**

REVIEWED BY **John W. Penrose** TITLE **Geologist** DATE **11/1/75**

INITIATION OF APPROVAL, IF ANY:

PART VII

1. Average rate and volume of fluids: 300 bbls/day/well  
Maximum rate and volume of fluids: 500 bbls/day/well
2. Closed system
3. Proposed average injection pressure: 1000 PSI  
Proposed maximum injection pressure: 1500 PSI
4. Produced water will be the source of injection water.
5. Injection is not for disposal purposes.

PART VIII

The Queen formation is light tan, light brown and buff dolomite inter-spersed with light to dark gray fine grained, friable sand. This formation is encountered at a depth of approximately 3580' and is on the average 200' thick. The only source of drinking water in the area is in the Triassic age formations, with the bottom of the zone being at approximately 300'. No known sources underly the injection interval.

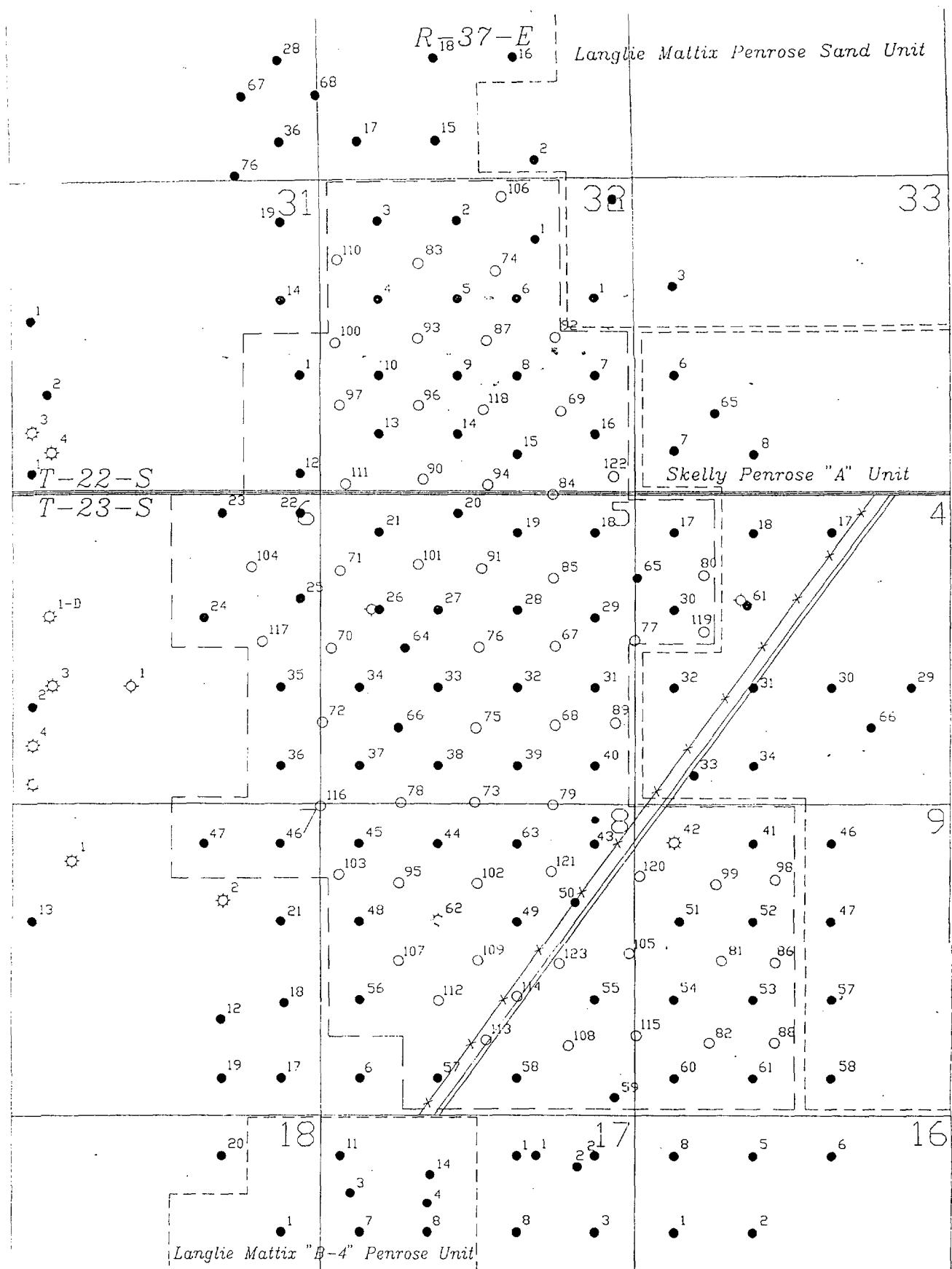
PART IX

The Queen formation will be selectively perforated, then acidized with approximately 6000 gallons of 15% NEFE acid.

PART X

Well logs have been filed with the Division.

PART XI



### REDEVELOPMENT PLAN

SIRGO - COLLIER, INC.  
 Penrose "B" Unit

Langlie Mattix 7 Rivers Queen Grayburg Field  
 Lea County, New Mexico

Map Scale  
 0 1000' 2000'

Date: 4-4-88

T. SCOTT HICKMAN & ASSOCIATES, INC.

P. O. BOX 1468  
MONAHANS, TEXAS 79756  
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA  
MIDLAND, TEXAS 79701  
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Ms. Amy Whitley  
P.O. Box 3531, Midland, Texas

LABORATORY NO. 688217-DW686  
SAMPLE RECEIVED 6-22-88  
RESULTS REPORTED 6-24-88

COMPANY Individual LEASE \_\_\_\_\_

FIELD OR POOL \_\_\_\_\_

SECTION   BLOCK   SURVEY   COUNTY   STATE  

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Drinking water - taken from Jimmie Weir Ranch water well. 6-21-88

NO. 2 Maximum contents for drinking water as recommended by the Texas Dept. of Health.

NO. 3  

NO. 4  

REMARKS: \_\_\_\_\_

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.				
pH When Sampled				
pH When Received	7.19			
Bicarbonate as HCO <sub>3</sub>	264			
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO <sub>3</sub>	234			
Calcium as Ca	54			
Magnesium as Mg	24			
Sodium and/or Potassium	129			
Sulfate as SO <sub>4</sub>	183	300		
Chloride as Cl	77	300		
Iron as Fe	0.12	0.3		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	731	1,000		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide				
Resistivity, ohms/m at 77° F.				
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.1	10.0		

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks Based on the determinations performed herein, we find this water is in compliance with State standards for drinking water.



PART XII

*This injection well is not for disposal purposes.*

PART XIII

**AFFIDAVIT OF PUBLICATION**

State of New Mexico,  
County of Lea.

I, \_\_\_\_\_

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

of \_\_\_\_\_

One \_\_\_\_\_ weeks.  
Beginning with the issue dated

July 5, 1988  
and ending with the issue dated

July 5, 1988

William H. Shearman  
Publisher.

Sworn and subscribed to before

me this 3 day of

July, 1988  
Celia Murphy  
Notary Public.

My Commission expires \_\_\_\_\_

November 14, 1988  
(Seal)

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

**LEGAL NOTICE**

July 5, 1988

Sirgo-Collier, Inc., P.O. Box 3531, Midland, TX 79702 (915) 385-0878, V. Sirgo-Engineer, proposes to inject water into the Skelly Penrose B Unit Well No. 2. This well is located 660' FNL 2310' FWL, Sec. 32, T22S, R37E, Lea County, New Mexico. Water will be injected into the Queen formation at approximately 3560' with 1500 PSI maximum pressure, at a rate of 300 bbls per day per well. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87504 within 15 days.

AFFIDAVIT OF PUBLICATION

State of New Mexico.  
County of Lea.

I, \_\_\_\_\_  
William H. Shearman, Jr.

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

of \_\_\_\_\_

One \_\_\_\_\_ weeks.

Beginning with the issue dated

June 29, 1988  
and ending with the issue dated

June 29, 1988

William H. Shearman  
Publisher.

Sworn and subscribed to before

me this 29 day of

June, 1988

Lea Murphy  
Notary Public.

My Commission expires \_\_\_\_\_

November 14, 1988  
(Seal)

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

LEGAL NOTICE

June 29, 1988  
Sirgo-Collier, Inc. P.O. Box  
3531, Midland, TX 79702  
(915) 685-0878, V. Sirgo-  
Engineer, proposes to inject water into the Skelly  
Penrose B Unit Well No. 29.  
This well is located 2112'  
FNL 660' FEL, Sec. 5,  
T23S, R37E, Lea County,  
New Mexico. Water will be  
injected into the Queen  
formation at approximately  
3560' with 1500 PSI maxi-  
mum pressure, at a rate of  
300 bbls per day per well.  
Interested parties must file  
objections or requests for  
hearing with the Oil Con-  
servation Division, P.O.  
Box 2088, Santa Fe, NM  
87504 within 15 days.

© SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space  
on reverse.

## (CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
  - Show to whom and date delivered ..... **6**
  - Show to whom, date, and address of delivery ..... **6**
2.  RESTRICTED DELIVERY  
*(The restricted delivery fee is charged in addition to  
the return receipt fee.)*

**TOTAL \$**

Kirby Explv. Co. of Texas  
P.O. Box 1745

Houston, TX 77251

(Always obtain signature of addressee or agent)

4. TYPE OF SERVICE:		ARTICLE NUMBER
<input type="checkbox"/> REGISTERED	<input type="checkbox"/> INSURED	P-398-448-
<input checked="" type="checkbox"/> CERTIFIED	<input type="checkbox"/> COD	659
<input type="checkbox"/> EXPRESS MAIL		

I have received the article described above.

SIGNATURE  Addressee  Authorized agent

*Lynnette*  
DATE OF DELIVERY  
JUN 30 1988

7. UNABLE TO DELIVER BECAUSE

REASON CODES (Only if requested)

8. EMPLOYEE'S INITIALS

© SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space  
on reverse.

## (CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
  - Show to whom and date delivered ..... **6**
  - Show to whom, date, and address of delivery ..... **6**
2.  RESTRICTED DELIVERY  
*(The restricted delivery fee is charged in addition to  
the return receipt fee.)*

**TOTAL \$**

## 3. ARTICLE ADDRESSED TO:

Millard Deck Trust

P.O. Box 1317

Ft. Worth, TX 76101

4. TYPE OF SERVICE:		ARTICLE NUMBER
<input type="checkbox"/> REGISTERED	<input type="checkbox"/> INSURED	P-398-448-
<input checked="" type="checkbox"/> CERTIFIED	<input type="checkbox"/> COD	G57
<input type="checkbox"/> EXPRESS MAIL		

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE  Addressee  Authorized agent

*Lynnette*  
DATE OF DELIVERY  
JUN 30 1988

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE

REASON CODES (Only if requested)

8. EMPLOYEE'S INITIALS

© SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space  
on reverse.

## (CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
  - Show to whom and date delivered ..... **6**
  - Show to whom, date, and address of delivery ..... **6**
2.  RESTRICTED DELIVERY  
*(The restricted delivery fee is charged in addition to  
the return receipt fee.)*

**TOTAL \$**

## 3. ARTICLE ADDRESSED TO:

Anadarko Pet. Corp.

P.O. Box 2497

Midland, TX 79702

4. TYPE OF SERVICE:		ARTICLE NUMBER
<input type="checkbox"/> REGISTERED	<input type="checkbox"/> INSURED	P-398-448-
<input checked="" type="checkbox"/> CERTIFIED	<input type="checkbox"/> COD	660
<input type="checkbox"/> EXPRESS MAIL		

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE  Addressee  Authorized agent

*E. Hookley*  
DATE OF DELIVERY  
JUN 30 1988

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE

REASON CODES (Only if requested)

8. EMPLOYEE'S INITIALS