

VI. Tabulation of Well Data.

- A. West Loco Hills G4S Unit Tract 6-1, formerly the Day #1. Located 1980' FSL and 660' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators are Newmont Oil Company and Dixon and Yates. This well was spudded 2/16/42 and completed 3/24/42 as a producing oil well. Current status is as a water injection well with a TD of 2784'. Construction: 8 5/8" 350'/50 sx; 7" 20# smls 2635'/100 sx; 4 1/2" 9.5# liner 2565-2744'/65 sx. Completion record: shot 50 qts Nitroglycerine 2747-60'; shot 30 qts Nitroglycerine 2760-75'; shot 30 qts Nitroglycerine 2775-83'; SOF 1M Strati-lift; Petro-frac 9M-18M; A/1000 gal 15%; A/500 gal 15%; Sandrill 10/20 sd 2766-2770', 2774-2777'; A/500 gal 15%; A/500 gal 28%; A/500 gal 25% & 5 gal Visco IIII.
- B. West Loco Hills G4S Unit Tract 6-2, formerly the Day #2. Located 1980' FSL and 1980' FEL section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators are Newmont Oil Company and Dixon and Yates. This well was spudded 3/31/42 and completed 5/5/42. This is a producing oil well with a TD of 2745'. Construction: 8 5/8" 340'/50 sx; 7" 20# smls 2603'/100 sx. Completion record: shot 110 qts Nitroglycerine 2695-2722'; SOF 20M-25M#; F/7.5M# 20/40 sd & 375 bbls lease oil; F/500 gal 15% acid 10M gal lease oil & 10M# 20/40 sd.
- C. West Loco Hills G4S Unit Tract 6-3, formerly the Day #3. Located 660' FSL and 1980' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators are Newmont Oil Company and Dixon and Yates. This well was spudded 6/22/43 and completed 9/14/43 as a producing oil well. It was re-entered 10/8/64 when it was D & A. 12/18/82 it was recompleted as a water injection well and was then P & A'd with a TD of 3037'. Construction: 8 1/4" 355'/50 sx; 7" 20# smls 2602'/100 sx; 4 1/2" 9.5# liner 2520-2695'/150 sx C1 "C". Completion record: shot 380 qts Nitroglycerine 2680-2773'; sandrill 10/20 sd 30 min @ 2712-2715', 2704-2708'; perf 2700-2718'/4 SPF A/500 gal 28%; sandrill 2703-2706-2710'; A/500 gal 28% F/595 bbls fresh water & 28M# 20/40 sd; A/500 gal 15%; A/500 gal 15%. P & A: set 7" CIBP @ 2520', spot 25 sx on plug, mud hole up, perf base salt @ 1045' & squeeze with 150 sx cement, tag plug @ 953', tag plug @ 40', set 15 sx & dry hole marker at surface.
- D. West Loco Hills G4S Unit Tract 6-4, formerly the Day #4. Located 660' FSL and 660' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company and Dixon & Yates. This well was spudded 9/22/43 and completed 11/3/43 as a producing oil well. During the life of the well it was also TA and is now again a producing oil well. TD is 2758'. Construction: 8 1/4" 375'/50 sx; 7" 20# smls 2645'/100 sx. Completion record: shot 120 qts Nitroglycerine 2728-58'; SOF 2670-98'/32M-110M#.

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- E. West Loco Hills G4S Unit Tract 13-1, formerly called the Saunders "A" #1 and the Saunders #1. Located 330' FNL and 330' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company and Dixon & Yates. This well was spudded 3/1/39 and completed 7/19/39 as a producing oil well with a TD of 3200'. It has since been a water injection well and is currently PA. Construction: 8" 24# 424'/50 sx; 7" 20# 2698'/100 sx. Completion record: shot 470 qts Nitroglycerine 2990-3190'; shot 230 qts Nitroglycerine 2803-2850'; A/500 gal 15%. P & A: spot 100 sx w/2% calcium bottom, tag plug @ 2587' perf 4 SPF @ 1170', squeezed 50 sx w/2% calcium, tag plug @ 1040', perf 4 shots @ 390', spot 50 sx w/2% calcium, tag 273' 15 sx top, P & A marker.
- F. West Loco Hills Unit G4S Tract 13A-4, formerly called the Saunders "A" #4 and the Saunders #4-A. Located 1650' FNL and 330' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company and Dixon & Yates. This well was spudded 9/17/41 and completed 10/21/41 as a producing oil well. Since then this well's status has been TA, producing and is currently shut in. TD on this well is 2805'. Construction: 8 1/4" 425'/50 sx; 7" 2680'/100 sx. Completion record: shot 120 qts Nitroglycerine 2764-2805'; A/500 gal 5% inhibited FE acid; F/395 bbls lease oil & 7500# 20/40 sd; A/1M gal NE-FE acid & 2 drums gyp control chem + 20 bbls water; F/18M gal emulsified oil, 45M# 20/40 sd, 1400# rock salt.
- G. West Loco Hills G4S Unit Tract 13-5, formerly the Saunders "A" #5-AX and the Saunders #5-AX. Located 1650 FNL and 1670 FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company and Dixon & Yates. This well was spudded 1/5/42 and completed 2/8/42 with a TD of 2768'. This well was completed as a producing oil well and was later converted to an injection well and is now P&A. Construction: 8 1/4" 359'/50 sx; 7" 2632'/100 sx; 4 1/2" 9.5# J-55 liner 2596-2727'/150 sx C1 "C". Completion record: shot 100 qts Nitroglycerine 2739-2768'; F/4300 gal butene 15M-60M; A/500 gal 15%; A/500 gal; A/500 gal; perf/4 SPF 2732-54' A/500 gal regular; A/500 gal 28%; P&A: tag bottom, pull up 1 jt, spot 100 sx/2% calcium, tag plug @ 2307', set packer 819', squeeze 50 sx, tag plug @ 975', 15 sx, tag plug @ 960', squeeze cement with 2% calcium, tag plug @ 219', mix 15 sx with 2% calcium, P&A marker.

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- H. West Loco Hills G4S Unit Tract 13-7, formerly the Saunders "A" #7 and the Saunders #7-A. Located 990' FNL and 990' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company and Dixon & Yates. This well was spudded 5/22/47 and completed 6/29/47 with a total depth of 2811'. This well was completed as a producing oil well, but since has also been TA, producing and is now shut in. Construction: 8 1/4" 408'/50 sx; 7" 20# 2670'/100 sx. Completion record: shot 100 qts Nitroglycerine 2775-2801'; A/500 gal 5% inhibitor FE acid; sandrill 10/20 sd 2780, 2785, 2790'; A/250 gal 28% F/567 bbls salt water, 24M# 10/20 sd; A/1M gal 15% HCL with inhibitor F/20M gal oil & 40M# sd & 1400# rock salt.
- I. West Loco Hills G4S Unit Tract 13-11. Located 2310' FNL and 1175' FEL of section 12-18S-29E. Present operator is Yates Petroleum Corporation, former operator was Newmont Oil Company. This well was spudded 12/4/75 and completed 12/31/75 with a TD of 2828'. This well is a producing oil well. Construction: 8 5/8" 23# 302'/150 sx C1 "H"/2% CaCl 11'hole; 4 1/2" 9.5# J-55 2824'/650 sx C1 "H" 7 7/8" hole. Completion record: A/1000 gal 15% 2760-84'; F/20M gal + 50M# sd 2760-84'; perf 2760-84' w/2 SPF.
- J. Yates "A" #10, formerly the Yates #10-A. Located 330' FSL and 990' FWL of section 6-18S-30E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company, Franklin, Aston & Fair, and Franklin Petroleum Corporation. This well was spudded 6/10/49 and completed 7/11/49 with a TD of 2838'. This well was completed as a producing oil well and has since been TA and is now shut in. Construction: 8 1/4" 28# 447'/50 sx; 6 5/8" 18.9# 2700'/100 sx. Completion record: shot 140 qts Nitroglycerine 2802-2838'; sandrill 2815-19' 4 holes F/tubing 15M gal lease oil & 11.25M# 20/40 sd; sandrill 2815-19' F/15M gal lease oil, 14.6M# sd, 275# Adomite, 30 gal WWI.
- K. Yates "A" #15. Located 330' FSL and 330' FWL of section 6-18S-30E. Present operator is Yates Petroleum Corporation, former operator was Newmont Oil Company. This well was spudded 7/20/63 and completed 8/7/63 with a TD of 2830'. This well was completed as a producing oil well and has subsequently been SI and is now again producing oil. Construction: 8 5/8" 32# J-55 smls 416'/50 sx; 5 1/2" 15.5# J-55 smls 2732'/100 sx. Completion record: F/sandrill 2786-2794' 10M lease oil, 10M# 20/40 sd, 150# P2 & 250# Adomite; A/2M gal regular acid, 2 gal Adomall, 6 gal LP-19; sandrill 2791' & 2804' F 5 1/2" csg/56M gal water, 16.5M# 10/20 sd, 9.5M# 8/12 sd; F/268 bbls water, 320 bbls lease oil, 10M# 20/40 sd.

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- L. West Loco Hills G4S Unit Tract 1-1, formerly the Canfield "A" #1 and the Canfield #1. Located 330' FNL and 330' FWL of section 7-18S-30#. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Petroleum Corporation. This well was spudded 8/14/39 and completed 9/28/39 with a TD of 2820'. This well was completed as a producing oil well and is now SI. Construction: 8 1/4" 28# 422'/50 sx; 7" 20# smls 2685'/100 sx. Completion record: shot 70 qts Nitroglycerine 2793-2820'; 10M gal 15M# sd 2671-2820'; A/126 gal 15%.
- M. West Loco Hills G4S Unit Tract 1-2, formerly the Canfield "A" #2 and the Canfield #2-A. Located 1650' FNL and 330' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation, former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 8/4/41 and completed 9/16/41 with a TD of 2804'. This well was completed as a producing oil well and has since been SI and is now producing oil. Construction: 8" 28# 427'/50 sx; 7" 20# 2690'/100 sx. Completion record: shot 60 qts Nitroglycerine 2785-2804'; 10M gal 15M# sd; A/126 gal 15%.
- N. West Loco Hills G4S Unit Tract 1-3, formerly the Canfield "A" #3 and the Canfield #3-A. Located 1980' FSL and 660' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation. Former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 10/17/42 and completed 12/1/42 as a producing oil well. The TD is 2835'. Construction: 8 1/4" 32# 427'/50 sx; 5" 17# smls 2705'/100 sx.
- O. West Loco Hills G4S Unit Tract 1-4, formerly the Canfield "A" #4 and the Canfield #4-A. Located 660' FSL and 560' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation. Former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 1/12/44 and completed 3/10/44 as a producing oil well with a TD of 2811'. This well has subsequently been turned in to a water injection well. Construction: 8 1/4" 402'/50 sx; 5 1/4" 2675'/100 sx; 4 1/2" 9.5# J-55 liner 2606-2760'/150 sx C1 "C"/141#; FLAC & 300# salt. Completion record: shot 60 qts Nitroglycerine 2777-2811'; shot 70 qts Nitroglycerine 2771-2806'; 10M gal 15M# sd 2575-2811'; sandrill 10/20 sd 2779, 2782, 2790, 2794'; A/500 gal; perf/4 SPF 2776 & 2797'; jet formation 2762-2806' spot A/500 gal 15% regular; A/500 gal 15% regular.
- P. West Loco Hills G4S Unit Tract 1-5, formerly the Canfield "A" #5 and the Canfield #5-A. Located 1650' FSL and 1650' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation. Former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 12/18/44 and completed 1/29/45 with a TD of 2837'. This well was completed as a producing oil well and is now a water injection well. Construction: 8 5/8" 425'/50 sx; 7" 2690'/100 sx; 4 1/2" 9.5# J-55 liner 2620-2796'/150 sx C1 "C"/1% D-23 & 2% salt. Completion record: shot 140 qts Nitroglycerine 2801-2837'; 10M gal 15M# sd; A/500 gal; perf/1 SPF 2805, 2809, 2313, 2818'; A/500 gal 15%.

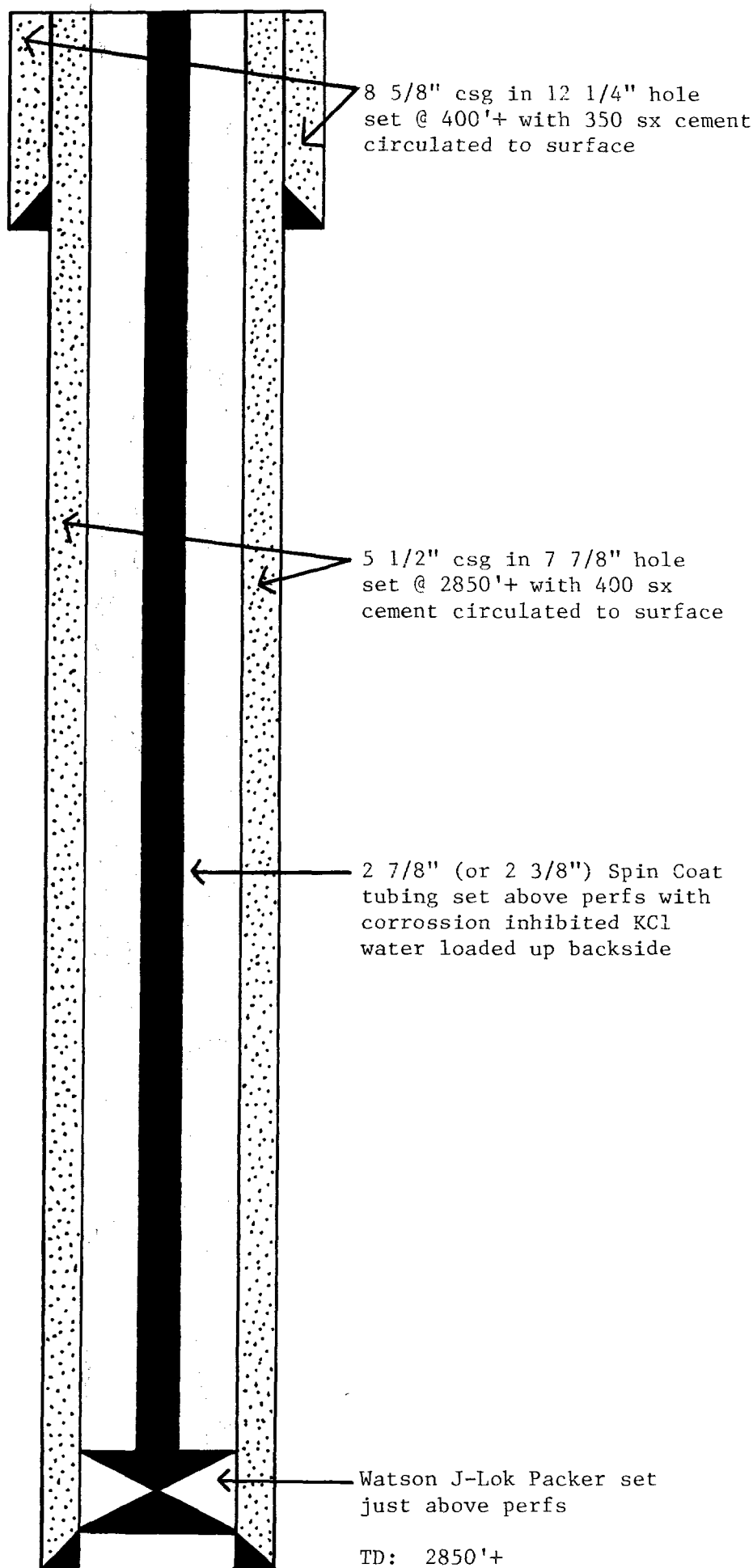
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- Q. West Loco Hills G4S Unit Tract 1-6, formerly the Canfield "A" #6 and the Canfield #6-A. Located 2590' FNL and 1370' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation. Former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 11/20/48 and completed 2/3/49 with a TD of 2837'. This is a producing oil well. Construction: 8 1/4" 430'/50 sx; 7" 2698'/100 sx. Completion record: shot 126 qts Nitroglycerine 2795-2837'; shot 200 qts Nitroglycerine 2795-2837'; 10M gal 15M# sd 2698-2837'; 126 gal 15%.
- R. West Loco Hills G4S Unit Tract 1-7, formerly the Canfield "A" #7 and the Canfield #7-A. Located 1270' FNL and 1370' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation. Former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 4/19/49 and completed 6/3/49 with a TD of 2814'. This well was completed as a producing oil well and was subsequently TA and is presently a water injection well. Construction: 8 1/4" 431'/50 sx; 7" 2693'/100 sx; 4 1/2" 9.5# J-55 liner 2594-2769'/300 sx encore/2% salt & 1% D-60; A/500 gal; A/500 gal 15% regular; perf 2802-22' 1/4 SPF A/500 gal 28%; A/1000 gal 28%; A/100 15% regular & 5 gal Visco IIII.
- S. West Loco Hills G4S Unit Tract 1-8, formerly the Canfield "A" #8 and the Canfield #8-A. Located 2310' FNL and 330' FWL of section 7-18S-30E. Present operator is Yates Petroleum Corporation. Former operators were Newmont Oil Company; Franklin, Aston & Fair; and Franklin Oil Corp. This well was spudded 7/31/56 and completed 8/30/56 with a TD of 2814'. This well was completed as a producing oil and is presently a water injection well. Construction: 8 5/8" 28# 426'/50 sx; 7" 20# 2774'/100 sx. Completion record: 10M SF 15M# 20/40 sd; A/500 gal regular; A/500 gal 28%; A/1000 gal 28%.
- T. Saunders #5A. Located in section 12-18S-29E. Operator is Dixon & Yates. This well was spudded 11/8/41 and completed 1/6/42 and was J & A with a TD of 2742'. Construction: 8 1/4" 353'/50 sx; 6" 2653'.

PROPOSED INJECTION WELL

West Loco Hills Unit Injection wells will be drilled with 12 1/4" or 10 3/4" bit to top of Salt (400'+). 8 5/8" csg will be run and cement circulated to surface. Cement will be drilled out and the well will TD below the Loco Hills Sand with about 50' of rathole for logging tools (2850'+). 5 1/2" J-55 or K-55 17# pipe will be run to TD and cement circulated back to surface. The Loco Hills Sand will be perforated and stimulated to allow injection of 40 tons/day CO₂ or 225 bbls/day water at less than 2000 psi. A nickel plated and plastic coated tension/compression packer will be set just above the perforations at 2800'+. Internally plastic coated tubing of 2 3/8" or 2 7/8" will be used and the backside will be loaded with corrosion inhibited KCl water for protection from corrosion, pressure backup and thermal conductivity.

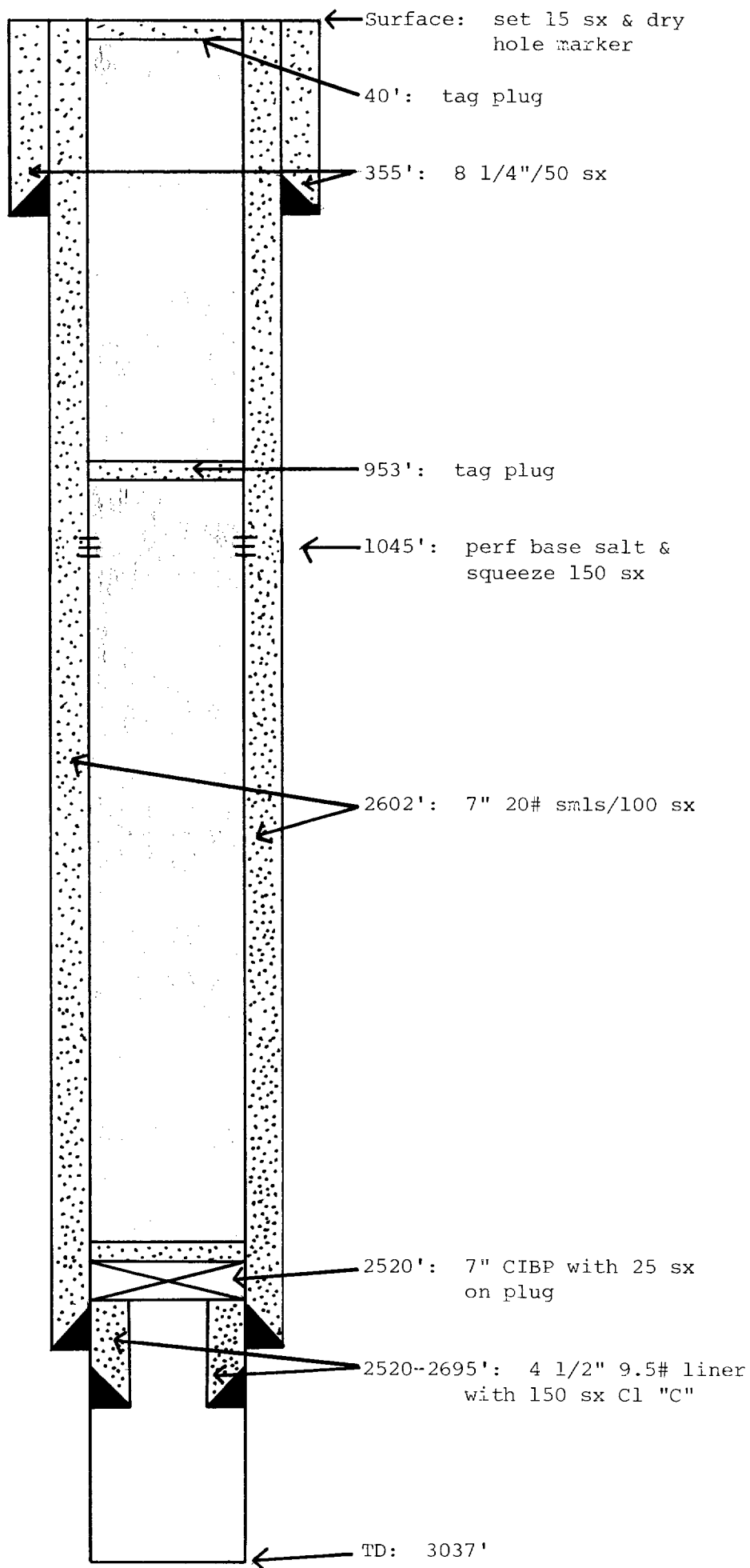


West Loco Hills G4S Unit Tract 6-3

Sec 12-18S-29E 660' FSL/1980' FEL

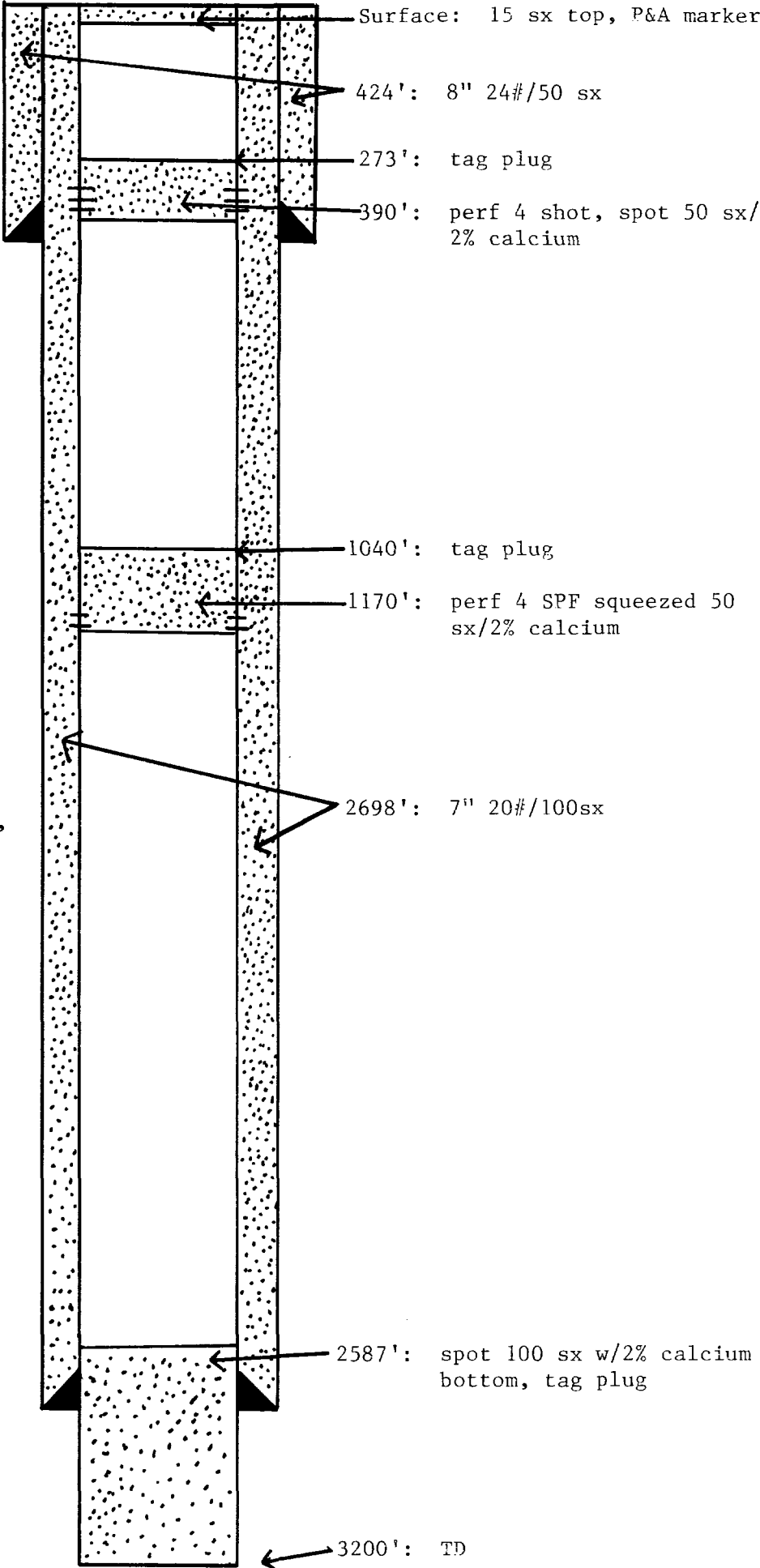
P & A: 12/18/82

Set 7" CIBP @ 2520', spot 25 sx on plug, mud hole up, perf base salt @ 1045' & squeeze with 150 sx cement, tag plug @ 953'; tag plug @ 40'; set 15 sx & dry hole marker at surface



West Loco Hills G4S Unit Tract 13-1

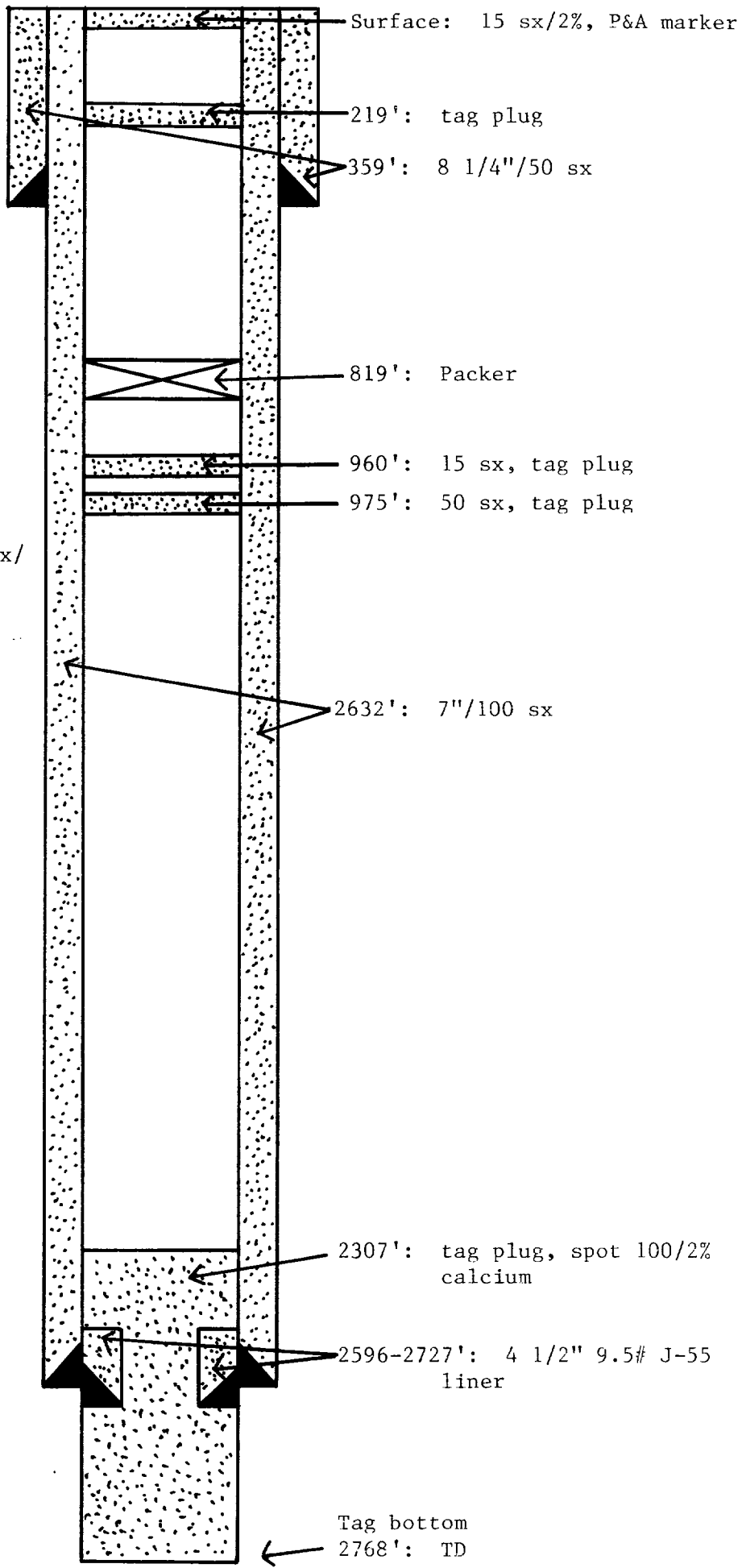
330' FNL/330' FEL Sec 12-18S-29E



P&A: 7/14/83

Spot 100 sx 2/2% calcium bottom,
tag plug @ 2587', perf 4 SPF @
1170', squeezed 50 sx w/2% calcium,
tag plug @ 1040', perf 4 shots at
390', spot 50 sx w/2% calcium, tag
273' 15 sx top, P&A marker.

West Loco Hills G4S Unit Tract 13-5



P&A: 7/27/83

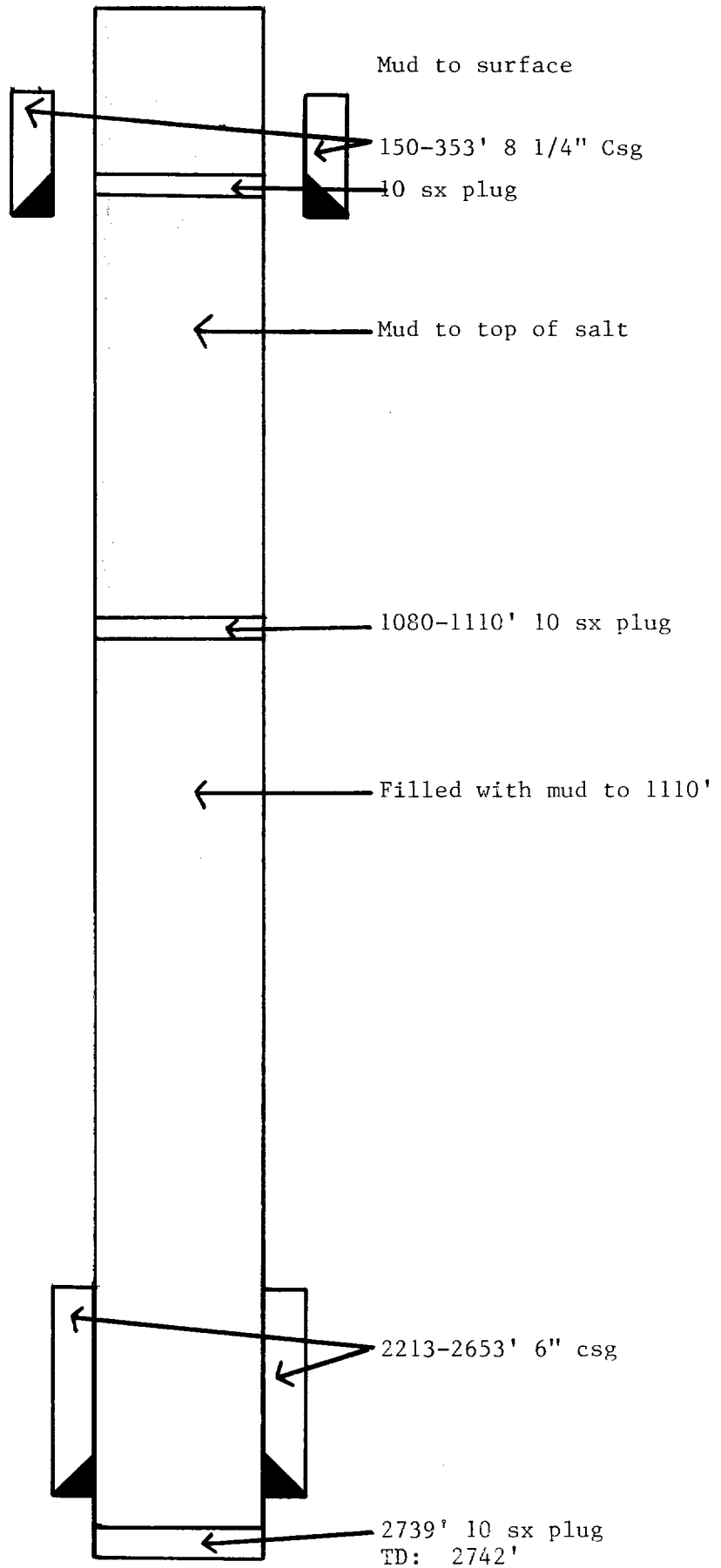
Tag bottom, pull up 1 jt, spot 100 sx/
2% calcium, tag plug @ 2307', set
packer 819', squeeze 50 sx, tag plug
@ 975', 15 sx, tag plug @ 960',
squeeze cement with 2% calcium, tag
plug @ 219', mix 15 sx with 2%
calcium, P&A marker.

Tag bottom
2768': TD

Saunders #5A

12-18S-29E

1650' FNL/1650' FEL



COMPANY **Dixon & Yates - #1 - Day**

ELEV. **3515**

LOC. **1980 FSL & 660 FEL**
Sec. 12, T-18-S, R-29-E

S.

ACID OR SHOT

110 qrs. 2747-2784

CASINO RECORD

8 5/8- 345-50
7 -2637-100

TOPS

S. 340
B.S. 1095
Rd. Sd. + h. 2255

Q +1270 UPS

SFD. **2-16-42** COMP. **3-28-42**

I. P. **F. 40 BOPH thru op. 2° @ 2764**

GR. GOR TP CP

REMARKS **SO 2760**

TP **2760**

TD **2784**

PBD

CO. **EDDY** POOL **LOCO HILLS** STATE **N.M.** KROENLEIN **1967**

COMPANY **Dixon & Yates - #2 - Day**

ELEV. **3509 LS**

LOC. **1980 FSL & FEL**
Sec. 12, T-18-S, R-29-E

S.

ACID OR SHOT

110 qts. 2680-2745

CASINO RECORD

8 5/8- 340-50
7 -2600-100

TOPS

Q +1294 UPS

SFD. **3-31-42** COMP. **5-11-42**

I. P. **F. 82 BO/2 hrs. thru 3/4° chk.,**
2° @ 2735.

GR. GOR TP CP

REMARKS **SO&G 2660, Inc. G 2692, Inc. O**
2695-2700, SO 2700-18.

TP **2690**

TD **2745**

PBD

Well: NEWMONT OIL CO, WI-3 West Loco Hills Result: D & A D
Loc'n: (Grayburg) Unit Tr 6-OWWO
5 mi SW/Loco Hills; 660' FSL, 1980' FEL Sec 12-18S-29E; (Orig
Dixon & Yates, 3 Day, comp 9-21-43 from Grayburg OH 2600-
2773', OTD 3037', PB 2773')

Spud: 10-8-64; Comp: 12-18-82; Elev: 3522' DF; TD: 3037' Grayb
Casing: 8" 356'/50 sx; 7" 2600'/100 sx; 4 1/2" lnr 2 520-2695'/150
Comp Info: (Grayburg) OH 2695-3037' used as WIW from 10-11-
64 until time of plugging

Tops: NR

API No: 30-015-03395

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Date: 5-4-83 Card No.: 15 dh

CO. EDDY

POOL: LOCO HILLS STATE N.M. KRDENLEIN 1968

ELEV. 3522

COMPANY Dixon & Yates - #3 - Day

LOC. 660 FSL & 1980 FEL
Sec. 12, T-18, R-29

ACID OR SHOT 390 qts. 2680-2773	CASING RECORD 8 5/8- 356-50 7 -2600-100	TOPS S. 355 B.S. 1045 Rd. Sd. +1317 2208 22.5 SA 0.7 +467 3057
BPD. 6-22-43 COMP. 9-21-43		
I. P. F. 30 BO/4 hrs. thru 1/2" chk.. 2" @ 2680		TP 2680
GR. BGR TP CP		TD 3037 L.
REMARKS SG 2535-38, Inc. Gas 2757, 2823.		PBO 2773

Driller's log

COUNTY	STATE	FIELD AREA OR PROJECT
DISTANCE FROM TOP OF WELL		
SURVEY	Sec. 12-188-298	DATE
LOCATION	Con SW SE	DATE
8-22-43 9-21-43		
POTENTIAL 1P 30 30 4 hrs. 1" ch.		
REMARKS		
Shot 390/2680-2775', SIM 2943'		
equals 2925'. S/Oas 2535-38, 2757-		
2823, 2823-30. S/O 2815'.		
CARD # - NM - 10-7-43.		

WELL NO.	3
DATE	Day
MAP NO.	
LOG TYPED	PLOTTED
WELL NUMBER YES	NO
CASING RECORD	
8-5/8"	355' (50 ex.)
7"	2600'.
FORMATION RECORD	
3512'	
T/S 355'	B/S 1045'
R/S 2208'	

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 1969

COMPANY Dixon & Yates - #4 - Day ELEV. 3519

LOG 660 FSL & FEL

Sec. 12, T-18, R-29

ACID OR SHOT	CASING RECORD	TOPS
120 qts. 2728-2758	8 5/8- 363-50	S. 355
	7 -2647-100	B.S. 1075
		Rd. Sd. (hrs) 2258 226.
BPD. 9-22-43 COMP. 11-14-43		
I. P. F. 200 BOPD thru 2" @ 2600		
GR. GOR TP CP		TP 2728
REMARKS SO 2730-43.		TD 2758 L.
		PBD

Driller's log

EDDY	NEW MEXICO	LOCO HILLS	COMPANY DIXON & YATES
COUNTY	STATE	FIELD AREA OR PROJECT	
DISTANCE FROM TOP OF WELL			
SURVEY	Sec. 12-188-298	DATE	
LOCATION	Con SE SE	DATE	
8-22-43 11-14-43			
POTENTIAL 1P 300 BOPD op. 2".			
REMARKS			
Shot 390/2728'			
equals 2765' 11.			
S/O 2258'.			
CARD #1 - NM - 12-8-43.			

WELL NO.	4
DATE	Day
MAP NO.	
LOG TYPED	PLOTTED
WELL NUMBER YES	NO
CASING RECORD	
8-5/8"	363' (50 ex.)
7"	2647' (100 ex.)
2"	2800'
FORMATION RECORD	
3519'	

KROENLEIN

EDDY, NEW MEXICO. 12-18-29

E1.2

DIXON-YATES - #1-A - SAUNDERS
Sec. 12, T. 18, R. 29

330 FNL & FEL

NO COMP. CARD - HAVE SAMPLE DESCRIPTION.

Q +1255 UPS

L.H. 2803-2820

2803

COUNTY OR PARISH Eddy SURVEY 12-18-29 AREA
 COMPANY Martin-Yates or Dixon & Yates.
 WELL NO 1 FARM Saunders
 LOCATION 330' fr N&E/L.

ELEV.	REMARKS	PALEO	STATE New Mexico.
	S/SO 2805-28, Inc. 2835-39.		COMPLETION T. PAY 2805 T. D. 3200, PS to 3070. PERF SHOTS 470/3045-3160. PRESSURES GRAVITY WATER COMPLETED Aug. 28, '89. (Week) I. P. Flow 82 BOPD thru 3/4" Ch. on 2" @ 2834, Pkr 2850. CASING RECORD 8 1/4" 425, 7" 2776, 2" 2834.
	<i>J. R. R. R.</i> C.R. REPORT		

Co. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 1972

COMPANY Dixon & Yates - #4-A - Saunders ELEV. 3527

LOC. 1650 FNL & 330 FEL
Sec. 12, T-18-S, R-29-E

8.

ACID OR SHOT	CASING RECORD	TOPS
Shot 120 qts. 2764-2805	8 1/4- 425-50 7 -2600-100 2 -2790	Q +1250 UPS

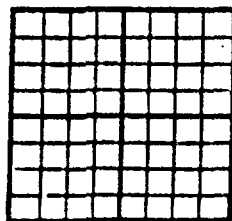
SPD. 9-17-41 COMP. 10-27-41
 I. P. F. 120 BQ/3 1/2 hrs. thru op.
 chk.

GR. GOR TP CP
 REMARKS SO&G 2776-2805

TP 2776
 TD 2805
 PSD

COMPANY DIXON & YATES
WELL NO 4-A FARM SAUNDERS
LOCATION NE SE NE SEC 12 TWP 18S RGE 29E

COUNTY EDDY COUNTY, NEW MEXICO



GEOLOGICAL DATA

ELEVATION 3527'

SPOOLED 2/17/41

SLM 2273 EQUAL 95

COMPLETION DATA

TOP PAY 2776'

TOTAL DEPTH 2805' BND

PERF

SHOTS 120/2764-2805'

ACID

PRODUCTION

OIL 8/120/00 3 1/2 HRS 2"

GAS TUB

WATER

PRESSURE

GRAVITY

CASING RECORD: 8 1/4" 2425'

7" 2600, 8" 2790'

The Richards
OIL REPORT

COMPLETED: 10/27/41

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 1973

COMPAN Dixon & Yates - #5-A - Saunders ELEV. 3526

LOG. 1650 FNL & FEL
Sec. 12, T-18-S, R-29-E

ACID OR SHOT

CASING RECORD

8 1/4- 353-50
6 -2653

TOPS

SPO. 11-8-41 COMP. 1-6-42

I. P. J&A

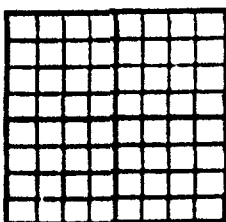
GR. BOR TP CP

REMARKS SO 2739-42.

TP
TD 2742
PBD

COMPANY DIXON & YATES ET AL
WELL NO 5-A FARM SAUNDERS
LOCATION NE SW NE SEC 12 TWP 18S RGE 29E

COUNTY EDDY COUNTY, NEW MEXICO



GEOLOGICAL DATA

ELEVATION 3526'

SPOOLED 11/8/41
LOST HOLE & SKIDDED 20'
WEST

COMPLETION DATA

TOP PAY

TOTAL DEPTH 2742'

PERF.

SHOTS

ACID

PRODUCTION

OIL DRY & ABANDONED

GAS

WATER

PRESSURE

GRAVITY

CASING RECORD: 6" 2653'

The Richards
OIL REPORT

COMPLETED 10/30/41

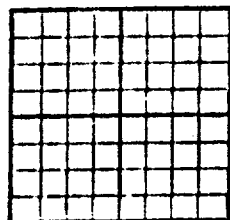
COMPANY Dixon & Yates - #5-AX - Saunders ELEV. 3526

LOC. 1650 FNL & 1670 FEL
Sec. 12, T-18-S, R-29-E

ACID OR SHOT 100 qts. 2739-2768	CASING RECORD 8 1/4- 359-50 7 -2632-100 2 -2707	TOPS S. 340 Q +1286 VPS
SPD. 1-6-42 COMP. 2-11-42		TP 2739 TD 2768 PBD
I. P. F. 36 BOPH thru 3/4" chk.		
GR. GOR TP CP		
REMARKS SORG 2739-68		

COMPANY DIXON & YATES
WELL NO 5-A-X FAHM SAUNDERS
LOCATION 1650' FR N, 1670' FR E/L SEC 12 TWP. 18 RGE. 29

COUNTY EDDY COUNTY, NEW MEXICO



GEOLOGICAL DATA
ELEVATION 3526'
SPUDED 1/6/42

COMPLETION DATA
TOP PAY 2739
TOTAL DEPTH 2768'
PERF.
SHOTS 100/2739-68
ACID
PRODUCTION
OIL F/36/BOPH 3 HRS THRU
GAS 3/4" CH 2" 2707'
WATER
PRESSURE
GRAVITY
CASING RECORD 2 1/2" 559

Le Piche
OIL REPORT

COMPLETED 2/13/42

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 1976

COMPANY Dixon & Yates - #7-A - Saunders ELEV. 3527

LOC. 990 FNL & FEL
Sec. 12, T-18-S, R-29-E

ACID OR SHOT Shot 100 qts. 2775-2801	CASING RECORD 8 5/8- 408-50 7 -2670-100 2 -2785	TOPS S. 408 A. 1100 Rd. Sd. 2273 +1257
SPD. 5-22-47 COMP. 6-26-47		TP 2775 TD 2811 PBD
I. P. F. 70 BOPD thru 2" chk.		
GR. GOR TP CP		
REMARKS S ^O 2773-2803 Sd.		

WELL NO. 7-A
 FORM 1 Sundance
 280' FNL, 1175' FEL, 12-188-29E.
 CASING RECORD
 8-5/8" 408'
 7" 2670'
 Spaced 5-22-47 Comp. 6-25-47
 FORMATION RECORD
 Cr. 3527'
 1/Salt 408'
 2/Salt 1100'
 1/Lime 287'
 1/Sec Sand 2273'
 Potential IPF 70 WCFD open 2" 2785'
 Yields: TP CP
 Gravity
 A.O. Ratio
 Water
 Remarks Shot 100 gals/2775-2801'
 OIL REPORT
 Card #1, NM 7-10-47

© Copyrighted Reproduction Prohibited
 COUNTY EDDY FIELD Loco Hills STATE NM
 OPR NEWMONT OIL CO. API 30-015-21693
 NO 11 LEASE West Loco Hills Grayburg #4 Sand Unit / SERIAL 2-2-9 NM
 Sec 12, T18S, R29E /Tr. 13 MAP
 2310' FNL, 1175' FEL of Sec CO-ORD
 4 1/2 mi SW/Locho Hills ELEV L.S.
 SPD 12-4-75 CMP 1-1-76
 CS6
 8 5/8" at 301' w/150 sx
 4 1/2" at 2824' w/650 sx
 WELL CLASS: INT. D FIN DO
 FORMATION DATUM FORMATION DATUM
 TD 2828' (GRBG) PBD 2810'
 IP (Grayburg) Perfs 2760-84' P 19 BOPD + 500 BW. Pot based on
 24 hr test. GOR TSTM; Grav 38

CONTR Sundance OPR'S ELEV 3521' GL PD 2794' RT
 COMES B-1019 1800, BL

F.R. 12-1-75
 (Grayburg)
 12-8-75 Drlg 2100'
 12-16-75 TD 2828'; WOCU
 1-7-75 TD 2828'; PBD 2810'; Recg Ld
 Perf (Grayburg) 2760-84' w/2 SPF
 Acid (2760-84') 1000 gals
 Frac (2760-84') 20,000 gals + 50,000# sd
 2-2-76 TD 2828'; PBD 2810'; TO Pmp
 2-9-76 TD 2828'; PBD 2810'; Complete
 LOG TOPS: Salt 340', Base Salt 1050', Yates
 1258', Seven Rivers 2058', Queen 2270', Grayburg
 2638', Loco Hills 2760'
 2-14-76 COMPLETION ISSUED

2-2-9 NM
 IC 30-015-70098-75

Well: NEWMONT OIL CO. 11 West Loco Hills Grayburg #4 Sand Unit Result: OIL DO
Tr. 11
Loc'n: 4 1/2 mi SW/Loco Hills, 2310' FNI 1175' FEL Sec 12-18S-29E

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Spud: 12-4-75, Comp: 1-1-76, Elev: 3521' grd, TD: 2828' Grayburg, PB: 2810'
Casing: 8 5/8" 301' 150 sx, 4 1/2" 2824'/650 sx
Prod Zone: (Grayburg) 1/Pay 2760', prod thru perfs 2760-84'
IPP: 19 BOPD + 500 MW, GOR TSTM, Grav 38
Comp Info: Perf (Grayburg) 2760-84' w/2 SP; A/1000 gals; frac w/20,000 gals L
50,000# sd, C/Sundance Drilg.
Toys (H) Salt 340', Base Salt 1050', Yates 1258', Seven Rivers 2058', Queen 2270',
Grayburg 2638', Loco Hills 2760'
API No.: 30-015-21691

Petroleum Information
Date: 2-18-76 Cord No.: 8 rm

Co. **EDDY** POOL **LOCO HILLS** STATE **N.M.** **KROENLEIN 2139**
Company **Franklin, Aston & Fair - #10-A - Yates ELEV. 3542**
Loc. **330'FSL & 900'FWL**
Sec. 6, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
140 qts.2802-2838	8 5/8- 447- 50 7 -2700- 100	T.Salt 447 B.Salt 1125 T.Red sd. ^{H22} 2317 T.Gryb. 2810
SPD. 6-10-49 COMP. 8-7-49		
I. P. P. 100 BO/24 hrs. thru 2" @ 2830. 3/4" ch.		TP 2810
GR. 36 GOR TP CP		TD 2838 sd.
REMARKS		PBD

Co. **EDDY** POOL **LOCO HILLS** STATE **N.M.** **KROENLEIN 2150**
Company **Newmont Oil Co. - #15 - Yates "A"**
Loc. **330'FSL & FWL** ELEV.
Sec. 6, T.18-S, R.30-E
2875'CT-Gryb.-S.And.

PAY STIMULATION	CASING	TOPS
OH/2732-2830 9000 SOF (16,000# sd)	8 5/8- 425- 150 5 1/2-2732- 100	B.Salt 1170 Queen 2375
SPD. 7-26-63 COMP. 8-11-63		
I. P. P. 169 BO & 80 BW/24 hrs.		
GR. - GOR - TP CP		TP 2732
REMARKS:		TD 2830
		PBD

COMPANY Franklin - #1 - Canfield

ELEV. 3540

LOC. 330'FWL & FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
70 qts. 2793-2820	8 1/4- 420- 50 7 -2671- 100 2 -2760	Q +1240 UPS
SFD. 6-14-39 COMP. 10-9-39		
I. P. 60 EOPH.		
CR - GOR TP CP		TP 2795 TD 2820 PBD
REMARKS		

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 2112

COMPANY Franklin - #2-A - Canfield

ELEV. 3524

LOC. 1650'FWL & 340'FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
60 qts. 2785-2804	8 1/4- 427- 50 7 -2675- 100 2 -2704	Salt 405 Q +1239 UPS
SFD. 8-4-41 COMP. 10-1-41		
I. P. F. 170 30/4 hrs. thru op. ch.		
CR - GOR TP CP		TP 2784 TD 2804 PBD
REMARKS SO 2784-2804; SG 2775-84.		

CO. EDDY POOL GRAYBURG- STATE N.M. KROENLEIN 2113

COMPANY Franklin - #3-A - Canfield

ELEV. 3537

LOC. 1960'FSL & 660'FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
40 qts. 2795-2830	8 1/4- 427- 100 5 -2705- 100 2 - 2835	A. 200 B. Salt 1125 Q +1242 UPS
SFD. 10-17-42 COMP. 12-1-42		
I. P. F. 60 30 2 hrs. thru op. ch		

COMPANY Franklin - #1 - Canfield

ELEV. 3540

LOC. 330'FWL & FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
70 qts. 2793-2820	3 1/4- 420- 50 7 -2671- 100 2 -2760	Q +1230 UPS
SFD. 6-14-39	COMP. 10-9-39	
I. P. 60 BOPH.		
GR - GOR TP CP		TP 2795 TD 2820 PBD
REMARKS		

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 2112

COMPANY Franklin - #2-A - Canfield

ELEV. 3524

LOC. 1650'FWL & 340'FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
60 qts. 2785-2804	3 1/4- 427- 50 7 -2675- 100 2 -2704	Salt 405 Q +1230 UPS
SFD. 8-4-41	COMP. 10-1-41	
I. P. F. 170 30/4 hrs. thru op. ch.		
GR - GOR TP CP		TP 2784 TD 2804 PBD
REMARKS SO 2784-2804; SO 2775-84.		

Loc. 1960' FSL & 660' FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SALT

40 qts. 2795-2830

CABINS RECORD

8	1/4 - 427 -	100
5	- 2705 -	100
2 -	- 2835	

Type

A. 200
B. Salt 1125
Q + 1242 ups

SEP. 10-17-42

CONF. 12-1-42

I. P. F. 66 30 2 hrs. thru op. ch.

GR - GOR TP CP
REMARKS SO 2015-19.

TP 2315
TD 2035
PRD

[illegible]

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 2114
COMPANY Franklin - #4-A - Canfield ELEV. 3529
LOC. 060' PSL & FWL of
Sec. 7, T.18-S, R.30-E

ACID OR SHOT

00 qts.2777-2011

CASING RECORD

6 -2675- 100
5 1/4-2675- 100

TOP8

T.A.	330
T.Salt	400
B.Salt	1095

SEP. 1-12-44

CONF. 3-10-44

1. P. F. 275 3020 thru 2" @ 2781.

GR.	GOR	TP	CP
REMARKS	011 2782-2611 sd.		

TP 2772
TD 2811 Sd.
PBD

2110
 COMPANY Franklin, Aston & Pair - #6-A - Can- ELEV. 3538
 field
 LOC 2590' PNL & 1370' PNL
 Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
126/2795-2837	8 - 430- 50	T.Salt 430
200/2795-2837	7 -2698- 100	T.Red Sd. 2308 +1230

SPD. 11-20-48 COMP. 2-3-49

I. P. F. 112 BOPD thru 2" @ 2808.

GR 37 GOR 700 TP CP TP 2795
 TD 2837 Sd.

REMARKS SSO 2308-30; SWB. & F.150 BOPD

EDDY
 County State Loc. Hills Pool Company Franklin, Aston & Pair
 Well No. #6-A
 Form CANFIELD
 Location 2590' PNL 1370' F.L SEC 7-18S-30E
 Cased 11/20/48 Comp. 2/3/49
 TP 2795'
 TD 2837'
 Potential 112 BOPD UN 2" 2808'
 Pressure: TP CP
 Gravity 37
 G.O. Rate 700-1
 Remarks SHOW OIL 2308-30', F.L.F 126/2795-2837', SHOT
 200 QTS 2795-2837'
 OIL REPORT CASH # 8 N. 2/17/49

CASING RECORD	
8"	430'
7"	2698'
2"	2808'

FORMATION RECORD	
Elev.	3538'
T/SALT	430'
T/REDSAND	2308'

169

CO. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 2117

COMPANY Franklin, Aston & Pair - #7-A - Can- ELEV. 3522
 field
 LOC 1270' PNL & 1370' Fr. W. TRACT 1 Well 7
 Sec. 7, T.18-S, R.30-E

ACID OR SHOT	CASING RECORD	TOPS
170 qts. 2784-2820	8 1/4- 431- 50	T. A. 365
	7 -2693- 100	T.Salt 431
		B.Salt 1120
		T.Red Sd. 2308
		T.Br.L. 2612

SPD. 4-19-49 COMP. 6-3-49

I. P. F. 200 BOPD thru 2" @ 2690.

GR 36.9 GOR TP CP TP 2802
 TD 2820 L.

REMARKS SO 2788-02; SO 2802-12.

County: Eddy NEW MEXICO Sec. 7 Twp. 18S Rge. 30E
 Company: Franklin, Aston & Fair Field: Loco Hills
 Well No. 7 Canfield "A" Location: SW 1/4 NW Elevation: 3522'
 Footage: (1270' S/N, 1370' E/W)
 Sec. 7 Twp. 18S Rge. 30E 6-15-49

Casing Record.	GEOLOGICAL DATA	COMPLETION DATA
8" 431'	Producing Zone: Elevation: 3522'	TOP PAY: 2802'
7" 2693'	Formation Tops:	TOTAL DEPTH: 2020' Line (1)
2" 2690'	Anhydrite 305'	Perforations:
	Salt 431'	Acid
	S/Salt 1120'	Nitro 170 qts/2784-2820'
	Red Sand 2305'	PRODUCTION:
	Black Line 2612'	Oil IP 71/200 80/24 hrs, 2"
	Show Oil 2802'	Gas: tbq
Started 4-19-49	Remarks:	Water:
Completed 6-3-49		PRESSURES:
<i>Andy Hamilton</i>		Tubing
OIL REPORT		Casing
		GAS-OIL RATIO: 500
		GRAVITY: 36.6

Co. EDDY POOL LOCO HILLS STATE N.M. KROENLEIN 2117-56

COMPANY Franklin, Aston & Fair - #8 - Canfield ELEV. 3534 DF

Loc. 2310' FWL & 330' FWL
Sec. 7, T. 18S, R. 30E
2700' T.

35356L

ACID OR SHOT	CASING RECORD	TOPS
OH 2774-2814	8 5/8" 426-50	Salt 400
10,000 Gal SF	7 - 2774-100	Premier LH. 2785
		Queen (+237) 2298
SPD. 8-2-56	COMP. 9-4-56	
L.P.F. 66 BOPD		
GR 34	GOR TP CP	TP 2785
REMARKS F. 66 BOPD. 2" tbq. (on gas lift)		TD 2814 sd.
CRD: 2786-2814, rec 27' sd w/GSO.		

EDDY COUNTY NEW MEXICO LOCO HILLS FLD
 Well: FRANKLIN, ASTON & FAIR #8 Canfield Result: OIL
 Loc'n: 7-18S-30E, 2310' FWL 330' FWL of Sec.

Spd: 8-2-56; Comp: 9-4-56; Elev: 3534' DF; TD: 2814' sd
 Casing: 8 5/8" 426'/50 sz, 7" 2774'/100 sz
 Prod Zone: T/Pay 2785'; Prod from OH
 IPF: 66 BOPD thru op 2", Grav 34
 Comp Info: Frac w/10,000 gals
 Tops: (Spls) Salt 400', Premier sd 2785'

March 28, 1966

TRACT 6 WELL NO. 1
LC 055374

LOCATION: 1980 FSL 660 FEL Sec. 12-18S-29E
ELEVATION: 3515'
SURFACE CSG: 8 1/4" 347'
OIL STRING: 7" 20# sm's 2635'
PAY ZONES: 2760 - 2784'
T.D. 2784'
TREATMENTS: 3/25/42 Shot 110 qts. 2747-2783
7/50 SOF 1M Strati-lift
2/54 Petro Frac 9M - 18M
LINER: 4 1/2" Liner 179' 2565 - 2744' w/65
Sax set on the 9/17/64
LOGS: 6/24/64 Cardinal Ejecto Log-Tracer
Micro Caliper
5/19/65 GR-Caliper Injection Profile
INJECTION: 1/5/64
TBG: 2063'
Casing leak below 636'

March 28, 196

TRACT 6 WELL NO. 2
LC 055374

LOCATION: 1980 FSL 1980 FEL Sec. 12-18-29
ELEVATION: 3518'
SURFACE CSG: 8 5/8" 340
OIL STRING: 7" 2603' 20# Sm's
PAY ZONES: 2695' - 2722'
T.D.: 2745'
TUBING: 82 jts 2 1/2" 8rd tbg 2551'
PUMP: FEB 252020
PACKER: 7" x 2 1/2" KV-30 Pkr. Guiberson
FEB bottomhole assembly. Packer @
2573'.

March 28, 1966

TRACT 6 WELL NO. 3

L.C. 055374

LOCATION: 660 FSL 1980 FEL
Sec. 12-18-29

ELEVATION: 3522'

SURFACE: 8 1/4" 355'

OIL STRING: 7" 20# sm's. 2602'

PAY ZONES: 2680 - 2722 2750 - 2773

T.D.: 3037' - PBD 2770'

LINER: 10/8/64 4 1/2" liner 175'
2520 - 2695' w/150 Sx

LOGS: 9/4/64 Lane Wells Acoustilog
Caliper

5/16/65 GR Caliper Injection
Profile

9/29/65 Sandrilled 2715-2712-
2708-2704'

TUBING: 5-4-69 Pulled tubing.

PEA 12/18/82

March 28, 1966

TRACT 6 WELL NO. 4

L.C. 055374

LOCATION: 660 FSL 660 FEL
Sec. 12-18S-29E

ELEVATION: 3519'

SURFACE CSG: 8 5/8" 375'

OIL STRING: 7" 20# sm's 2646'

PAY ZONES: 2730 - 2758

TREATMENT: Shot 120 qts. 2728 - 2758

T.D.: 2758'

TUBING: 2" 2636'

PUMP: 8/4/65 VFG 201616

PACKER: 2 x 7 Guiberson

March 28, 1966

TRACT 13 WELL NO. 1

LC 060904

LOCATION: 330 FNL 330 FEL Sec. 12-18-29

ELEVATION: 3543'

SURFACE CSG: 8 1/4" 425'

OIL STRING: 7" 20# 2698'

PAY ZONES: 2803 - 2823'
Shot 470 qts. 2940 - 3190
Shot 230 qts. 2803' - 2850'

T.D. 3200' PBD 2850'

LOGS: 5/5/64 Enjecto Tracer - Calliper
12/10/64 Calliper - Injectivity Profile

INJECTION: 7/3/63

JEAN 7/14/83

March 28, 1966

TRACT 13 WELL NO. 4

LOCATION: 1650 FNL 330 FEL Sec. 12-18-29

ELEVATION: 3525'

SURFACE CSG: 8 1/4" 425'

OIL STRING: 7" 2680'

PAY ZONES: 2774' - 2805'
Shot 120 qts. 2764' - 2805'

T.D.: 2805'

TUBING: 83 jts 2 3/8"

PUMP: FEB 201616

2 1/2" x 7 KVL-30 Guiberson packer
2" FEB bottom assembly

SI 2/83

March 28, 1966

TRACT 13 WELL NO. 5

LOCATION: 1650 FNI 1670 FEL Sec. 12-18-29
ELEVATION: 3526'
SURFACE CSG: 8 5/8" 359'
OIL STRING: 7" 2635'
PAY ZONES: Shot 100 qts. 2739 - 2768'
T.D.: 2768'

10/20/64 4 1/2" Liner 146' 2581' - 2727'
w/150 Sax

6/26/64 Cardinal Ejecto-Tracer-Micro
Caliper

4/29/65 500 gals acid

5/15/65 Ran Gamma Ray Caliper Injectivity
Profile

9/27/65 Spot 500 gals reg. acid

Injection: 11/16/63

FEA 7/22/83

March 28, 1966

TRACT 13 WELL NO. 7

LOCATION: 990 FNL 990 FEL Sec. 12-18-29
ELEVATION: 3527'
SURFACE CSG: 8 1/4" 408'
OIL STRING: 7" 20# 2670'
PAY ZONES: 2775' - 2801'
T.D.: 2811'
TUBING: 2 1/2" 2650' 85 jts EUE 8rd
PUMP: FEB 252020

2 x 7 Guiberson KVL-30 packer
2 1/2" FEB bottomhole assembly

51

YATES "A" NO. 10

LOCATION: 330 FSL 990 FWL Sec. 6-18-30
ELEVATION: 3542'
SURFACE CSG: 8 1/4 447'
OIL STRING: 2700'
OPEN HOLE: 2700 - 2838
PAY ZONES: 2810 - 2838
T. DEPTH: 2838
TREATMENTS:
LOGS:
TUBING: 2" 2775'
RODS: 5/8" 2750'
PUMP: 2" x 1 1/2" x 10'
4/7/66: TEMPORARILY ABANDONED

YATES "A" NO. 15
INJECTION WELL

LOCATION: 330 ^SFNL 330 ^NFEL Sec. 6-18-30
ELEVATION: 3536'
SURFACE CSG: 8 5/8" 416'
OIL STRING: 5 1/2" 2732'
PAY ZONES: 2786 - 2794
T.D. 2830
TREATMENT: Sanddrilled 2790 - 94, 2786 - 90, frac with 10,000 gals oil and 10M # sand.
TUBING: 2713 of 2 1/2" (87 jts) 2 1/2" SN
RODS: 106 3/4 and 7/8"
PUMP: 2 1/2" x 1 1/2" x 16'

March 28, 1966

TRACT 1 WELL NO. 1

LOCATION: 330 FNL 330 FWL
Sec. 7-18-30

ELEVATION: 3540'

SURFACE CSG: 8-5/8" 422'

OIL STRING: 7" 2671'

PAY ZONE: 2795 - 2820'

T. DEPTH: 2820'

TREATMENTS: 9/28/38 70 qts. 2793-2820
9/25/55 10M gals 15M # sand 2671-2820
8/15/61 - 500 gals 15% acid

LOGS: SAMPLE

TUBING: 86 jts 2" EUE 8rd 2638'

PACKER: 2658' 7" Guiberson RMC-1

PUMP: VFR Bottomhole assembly

Drilled out plug 2-22-68

51 3183

9-13-71 7" Baker Lock-set Packer left
in hole at 2821'

4-1-73 Clean out to 2820'

Ran Rebuilt 7" RMC-1 Guiberson
Packer w/1/2" VFR Bottomhole Assembly

March 28, 1966

TRACT 1 WELL NO. 2

LOCATION: 1650 FNL 330 FWL
/section/ 7-18-30

ELEVATION: 3524'

SURFACE CSG: 8-5/8" 427'

OIL STRING: 7" 2690'

PAY ZONES: 2787 1/2 - 2804'

T. DEPTH: 2804'

TREATMENTS: 9/16/41 60 qts.
5/24/55 10M gals 15.M #sand
9/20/61 126 gals 15%

LOGS: Sample, Microscopic and
Fluorescent

TUBING: 2680'

PUMP: 2" FEB Hydraulic Pump
#201616
2" Guiberson KVL Packer
1-2 1/2" hyd. bottomhole assembly
Set @ 2680'.

March 28, 1966

TRACT 1 WELL NO. 3

LOCATION: 1980 FSL 660 FWL
Sec. 7-18-30

ELEVATION: 3537

SURFACE CSG: 8 - 5/8" 427'

OIL STRING: 5 - 1/2" 2705'

PAY ZONES: 2815-2835'

T.D.: 2835'

TREATMENTS: 60 qts. 2792-2832
1 1/5/54 10M gals 15M#sand
2705-2835
9/20/61 125 gals 15% acid

LOGS: Sample, Halliburton,
Jeep 2707-2830

TUBING: 2 7/8" 2680' (84 jts)

PACKER: Baker Lock-set packer 2 1/2"
bottomhole assembly pkr @ 2680'

PUMP: FEB 252020

OPEN HOLE: 2705 - 2835'

2-20-74 Back n Production. No casing leak. Wtr coming
up between casing and surface pipe.

1-2-74 Ran new 2 1/2" FEB Bottom hole assembly
on 84 jts 2 3/8" CUE 8rd Tbg.

March 28, 1966

TRACT 1 WELL NO. 4

LOCATION: 660 FSL 560 FWL
Section 7-18-30

ELEVATION: 3529'

SURFACE: 8 5/8" 402'

OIL STRING: 5 1/2" 2675'

PAY ZONE: 2762 - 2811'

T.D. 2811'

TREATMENTS: 70 qts. 2771-2806 4-6-55
10M gals 15M sand 2575-2811

LOGS: Sample

TUBING: 70 jts 2" 2138'.
PACKER: Packer set @ 2138'
OTHERS: 12/31/64 4 1/2 9.5# Liner
2606-2760' w/150 sax

INJECTION WELL

5/16/65 Ran Western Co.
Gamma Ray-Caliper Injection
Profile SLM

INJECTION: 1/7/64

March 28, 1966

TRACT 1 WELL NO. 5

LOCATION: 1650 FSL 1650 FWL
Sec. 7-18-30

ELEVATION: 3530'

SURFACE CSG: 8 - 5/8" 500'

OIL STRING: 7" 2690'

PAY ZONES: 2803 - 2835'

T.D. 2835'

TREATMENTS: 6/7/55 10M gals 15M #sand
2/1/45 140 qts. 2801-2835

LOGS: Sample Howco Jeep
TUBING: 2160'
PACKER: 2168' 7" Gub. pkr. shorty
packer

LINER: 4 1/2" 176' 2614' - 2790 w/150
sack

LOGS: 6/24/64 Cardinal Ejecto Log
Tracer-Micro Caliper

5/15/65 Ran Western Co.
Gamma Ray-Caliper Injection
Profile

Started Injection 1/7/64

Hole in casing @ 1391'

6-24-73 Cleaned out to TD.
8-29-74 Cleaned out to 2832'. Ran 2 1/2" x 7" Donald
Hydrol OC Tension pkr on 70 STS 2" and
set packer at 2168' GCH.

March 28, 1966

TRACT 1 WELL NO. 6

LOCATION: 2590 FNL 1370 FWL
Sec. 7-18-30

ELEVATION: 2538'

SURFACE CSG: 8 - 5/8" 430'

OIL STRING: 7" 2698'

PAY ZONES: 2795 - 2837'

T.D. 2837'

TREATMENTS: 1/7/49= 200 qts. 2794 - 2837
9/4/56 10M gals 15M #sand
2698 - 2837'
9/20/61 126 gals 15% acid

LOGS: Sample

TUBING: 2684' 86 jts.

OPEN HOLE: 2698-2837'

PACKER: 2684' - Guiberson KV-30

PUMP: 2 1/2" FEB Hydraulic 252020
and 2 1/2" bottomhole
assembly

March 28, 1966

TRACT 1 WELL NO. 7

LOCATION: 1270 FNL 1370 FWL
Sec. 7-18-30

ELEVATION: 3522'

SURFACE CSG: 8 - 5/8" 432'

OIL STRING: 7" 2693'

PAY ZONES: 2783-2820

T.D. 2825

TREATMENTS: 5/31/49 170 qts. 2783-2820

LOGS: Sample

TBG? 69 jts 2" EUE 8rd 2151'

1/27/65 4 1/2" 9.5# liner 2594-2769 w/300
sax (2 jobs)

12/9/64 Packer @ 2151'. Totem Tension pkr.
Western Injectivity Profile

1/23/65 Lane Wells Acoustilog w/caliper

5/16/65 GR - Caliper Injectivity Profile

11/8/63 Put well on injection

*Hole in casing between 1184' and
1215'

March 28, 1966

TRACT 1 WELL NO. 8

LOCATION: 2310 FNL 330 FWL
Sec. 7-18-30

ELEVATION: 3535'

SURFACE CSG: 8 5/8" 426'

OIL STRING: 7" 2774'

PAY ZONES: 2785-2814'

T.D. 2821'

TREATMENT: 9/1/56 10,000 ref. oil
20-40 sand, 15,000 #

LOGS: 3/23/62 Gamma Ray Neutron
& Sonic

6/26/64 Cardinal Ejecto
Log Tracer Micro Caliper

Cone Analysis 9-12-56

Put on injection 11/23/63

4-27-73 Packer = 2150 (EST)

5-27-73 Packer 2 1/2" x 7" TOTEM Tensometer 2137'

Tubing - 2 3/8" OD

5-27-73 Left one side and one drag spring at 2821' -

Circ Down To 2821'

Company Newmont Oil Company
Field Loco Hills
Unit West Loco Hills
Station Station #1 & Station #2



KEM-EX CORP.

PHONE - HOBBS 393-7751

P. O. Box 1499
HOBBS, N. M. 88240

SERVICE REPORT — TYPE

DATE	SAMPLE POINT	DISSOLVED OXYGEN ppb	SO ₂ ppm	CHLORINE ppm	REMARKS
<u>Station #1</u>					
9-4-79	Tank fill line Valve on tank	41ppb	8 6		Checked SO ₂ & Cobalt inj.
9-10-79	Tank fill line Valve on tank		5 3		Checked SO ₂ & Cobalt inj.
9-17-79	Tank fill line Valve on tank		7 6		Checked SO ₂ & Cobalt inj.
9-21-79	Tank fill line Valve on tank	24ppb	8 5		Checked SO ₂ & Cobalt inj.
<u>Station #2</u>					
9-4-79	SO ₂ pump discharge Suction manifold	27ppb	8		Checked SO ₂ & Cobalt inj.
9-10-79	SO ₂ pump discharge Suction manifold		1		Checked SO ₂ & Cobalt ini. Increased SO ₂ rate
9-17-79	Suction manifold		0		Checked SO ₂ & Cobalt ini. Increased SO ₂ rate
9-24-79	Suction manifold		--		Ejector plugged with produced water buildup.

XII. Affirmative Statement

I have examined the available geologic and engineering data for this project and I found no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

A handwritten signature in black ink, reading "E. Robert Tisdale". The signature is written in a cursive style with a large, looping initial "E".

E. Robert Tisdale
CO2 Pilot Project Engineer
Yates Petroleum Corporation

BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION :
OF YATES PETROLEUM CORPORATION FOR :
A CARBON DIOXIDE INJECTION PILOT :
PROJECT, EDDY COUNTY, NEW MEXICO :
_____ :

CASE NO. _____

PROOF OF NOTICE

STATE OF NEW MEXICO)
 : ss.
COUNTY OF EDDY)

The undersigned, being first duly sworn, upon oath, states that on the 9th day of August, 1984, the undersigned did mail in the United States Post Office at Artesia, New Mexico, true copies of the Application of Yates Petroleum Corporation for a Carbon Dioxide Injection Pilot Project and New Mexico Oil Conservation Division Form C-108, in securely sealed, certified mail, return receipt requested, postage prepaid envelopes, addressed to the following named owners of the surface of the West Loco Hills Unit G4S Tract 13-12 and Tract 6-5 leases:

Mr. Blaine B. Haines
Star Route East
Artesia, NM 88210

Snyder Ranches, Inc.
c/o Mr. Larry Squires
P. O. Box 726
Lovington, NM 88260

Patti Menefee
Patti Menefee

SUBSCRIBED AND SWORN TO before me this 9th day of
August, 1984.

Rebecca J. Dickson
Notary Public

My commission expires:
1-9-88