

| | | | | | |
|---------------------|----------|---------------------|-----------------------|-------------|---------------------------|
| DATE IN 11/10/08 | SUSPENSE | ENGINEER W Jones | LOGGED IN 11/13/08 | TYPE SWD | APP NO. PKV20831843748 |
|---------------------|----------|---------------------|-----------------------|-------------|---------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
 Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
 [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Eddie W Seay Eddie W Seay Agent 11/3/08
 Print or Type Name Signature Title Date
 seay04@leaco.net
 e-mail Address

RECEIVED
2008 NOV 10 PM 3 12

APPLICATION FOR AUTHORIZATION TO INJECT

PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance X Disposal _____ Storage
Application qualifies for administrative approval? X Yes _____ No

II. OPERATOR: J.F. McAdams

ADDRESS: 1008 W. Broadway Hobbs, NM 88241

CONTACT PARTY: Tony McAdams PHONE: 575-872-2982

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 X No
If yes, give the Division order number authorizing the project: _____

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.).

*VII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: Eddie W. Seay TITLE: Agent

SIGNATURE: Eddie W Seay DATE: 11-3-08

E-MAIL ADDRESS: seay04@leaco.net

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

INJECTION WELL DATA SHEET

OPERATOR: J F Mc Adams

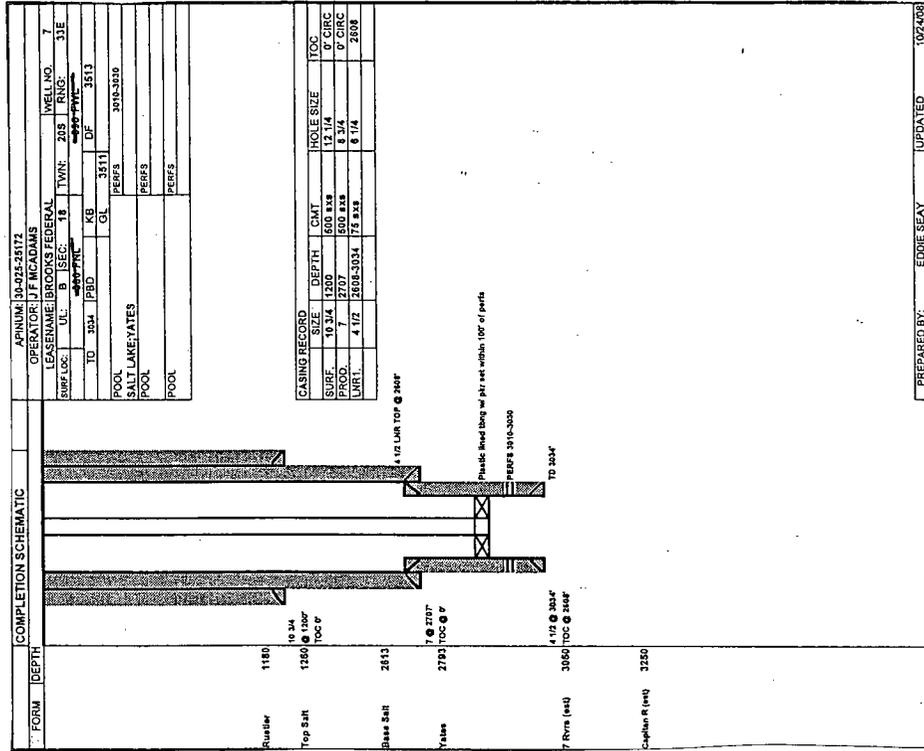
WELL NAME & NUMBER: Brooks Federal # 7

WELL LOCATION: 260 230/N 2010/E

UNIT LETTER: B SECTION: 18 TOWNSHIP: 20 RANGE: 33 E

FOOTAGE LOCATION

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 12 3/4 Casing Size: 10 3/4 ft³
 Cemented with: 500 sx or _____

Top of Cement: Surface Method Determined: circulated
Intermediate Casing

Hole Size: 8 3/4 Casing Size: 7 ft³
 Cemented with: 500 or _____

Top of Cement: Surface Method Determined: circulated
Production Casing
Liner

Hole Size: 6 1/4 Casing Size: 4 1/2 ft³
 Cemented with: 75 or _____

Top of Cement: 2608 Method Determined: TS
 Total Depth: 3034

Injection Interval
2800 feet to 3034

(Perforated or Open Hole; indicate which)
 Existing gaps are 3010 to 3030

INJECTION WELL DATA SHEET

Tubing Size: 2" Lining Material: IPC

Type of Packer: Baker Tension

Packer Setting Depth: 2750 or within 100 ft. of top perf.

Other Type of Tubing/Casing Seal (if applicable): NONE

Additional Data

1. Is this a new well drilled for injection? Yes X No

If no, for what purpose was the well originally drilled? oil and gas

2. Name of the Injection Formation: Yates

3. Name of Field or Pool (if applicable): Salt Yates Yates

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

The upper most formation is the Salt at 2413

The lower most formation is the 7 Rivers at 3050

ATTACHMENT TO APPLICATION C-108

Brooks Federal #7
Unit B, Sect. 18, Tws. 20 S., Rng. 33 E.
API: 30-025-25172
Lea Co., NM

III. WELL DATA

- A.
- 1) See injection well data sheets and attached schematics.
 - 2) See injection well data sheets and attached schematics.
 - 3) 2" plastic coated tubing.
 - 4) Baker tension packer.
- B.
- 1) Injection formation is the Yates.
 - 2) Injection interval 2800' to 3034'.
 - 3) Well was drilled as a producer.
 - 4) The next higher producing zone is the base of salt at approximately 2613'.
The next lower producing zone is the 7 Rivers at approximately 3050'.

IV. NO.

V. MAP ATTACHED.

VI. LIST OF WELLS AND DATA ATTACHED.

VII. McAdams proposes to re-complete the above listed well. Clean out well bore, and complete in cased hole through perforations from 3010' to 3030' and also added perfs as needed in the Yates. Run 2" plastic coated tubing with 4 1/2" packer and set at approximately 2910' or within 100 ft. of upper most perfs.

- 1) Plan to inject approximately 750 bpd of produced water from McAdams own operation and surrounding production.
- 2) Closed system.
- 3) Average injection pressure should be approximately 500# to 700# or whatever limit OCD allows.
- 4) Analysis attached, only produced water from formation in this area.
- 5) Water from offset production and surrounding area.

VIII. In the area of the proposed disposal area, the Yates and 7 Rivers formation overlies the Capitan Reef. The Yates formation ranges in thickness from 250 to 260 feet thick. The main pay for the Salt Lake; Yates Pool consists of fine grained sandstones in the middle and lower Yates formation. In the Salt Lake; Yates area the 7 Rivers formation ranges

in thickness from 150 to 200 feet thick. The 7 Rivers formation consists of fine to medium crystalline low permeability dolomites with interbedded sandstones. The 7 Rivers is productive in some of the interbedded sandstones in the upper 40 feet of the 7 Rivers. From 1 mile West of the disposal area, the 7 Rivers is approximately 200 feet thick and thins 2 miles East of the disposal area to approximately 100 feet thick over a high in the Capital Reef. Two miles South of the disposal area the 7 Rivers pinches out against the Reef.

There is no fresh water found for this area.

IX. ACID AS NEEDED.

X. PREVIOUSLY SUBMITTED TO OCD.

XI. ATTACHED.

XII. I, Eddie W. Seay, have examined all available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zones and any underground source of drinking water pertaining to this well.

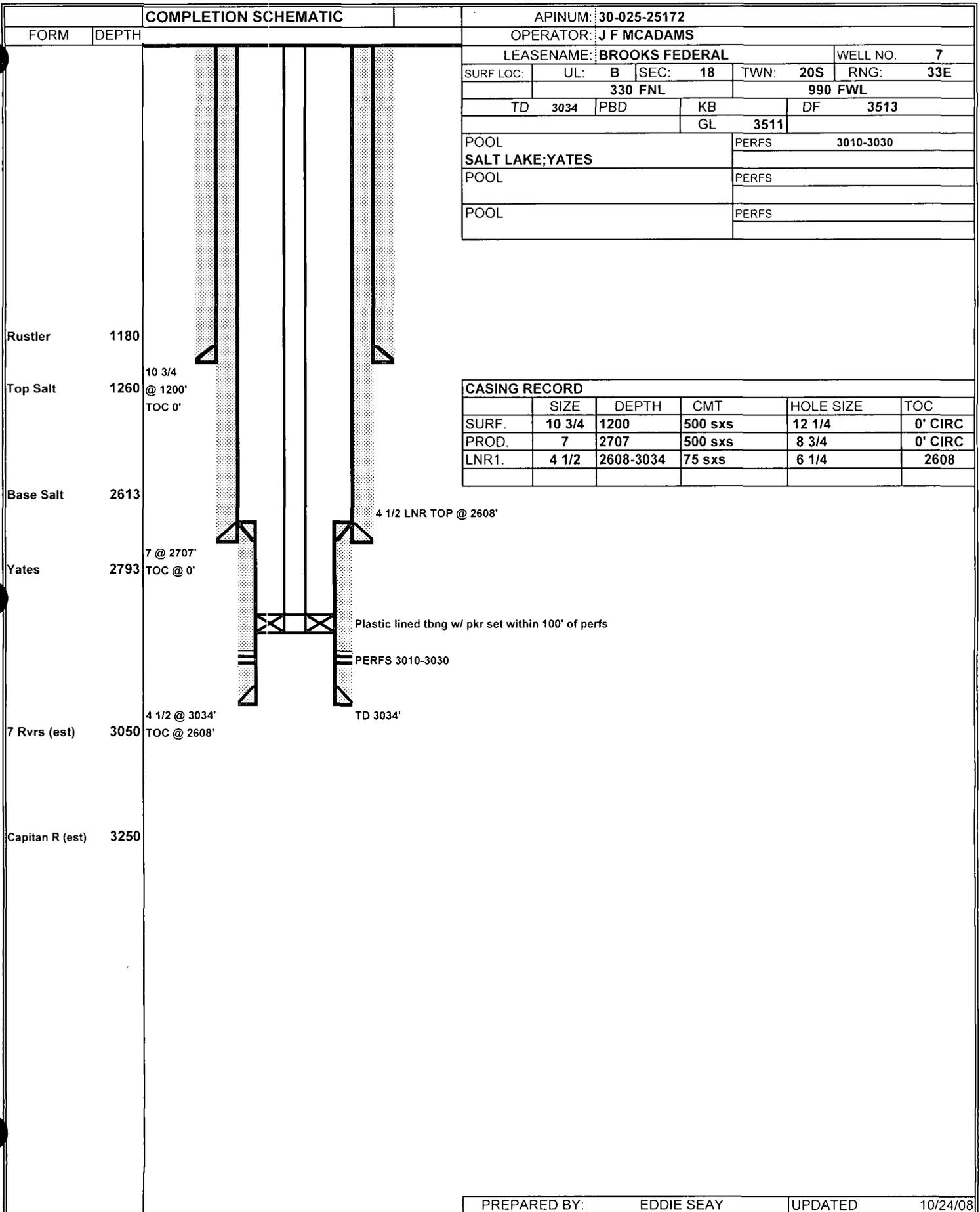
XIII. ATTACHED.

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-25172 | | | |
|----------------------|--------------------------------------|---------------------------|----------|-----------------|---------|
| FORM | DEPTH | OPERATOR: J F MCADAMS | | | |
| | | LEASENAME: BROOKS FEDERAL | | WELL NO. 7 | |
| | | SURF LOC: UL: B SEC: 18 | TWN: 20S | RNG: 33E | |
| | | 330 FNL | | 990 FWL | |
| | | TD: 3034 | PBD | KB | DF 3513 |
| | | | | GL 3511 | |
| | | POOL SALT LAKE; YATES | | PERFS 3010-3030 | |
| | | | | POOL | |
| | | | | PERFS | |
| | | | | POOL | |
| | | | | PERFS | |
| | | | | | |
| Rustler | 1180 | | | | |
| Top Salt | 1260 10 3/4 @ 1200' TOC 0' | | | | |
| Base Salt | 2613 | 4 1/2 LNR TOP @ 2608' | | | |
| Yates | 2793 7 @ 2707' TOC @ 0' | | | | |
| 7 Rvrs (est) | 3050 4 1/2 @ 3034' TOC @ 2608' | TD 3034' | | | |
| Capitan R (est) | 3250 | | | | |

| CASING RECORD | | | | | |
|---------------|--------|-----------|---------|-----------|---------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 10 3/4 | 1200 | 500 sxs | 12 1/4 | 0' CIRC |
| PROD. | 7 | 2707 | 500 sxs | 8 3/4 | 0' CIRC |
| LNR1. | 4 1/2 | 2608-3034 | 75 sxs | 6 1/4 | 2608 |

WELLBORE SCHEMATIC AFTER



COMPLETION SCHEMATIC

FORM DEPTH

APINUM: 30-025-25172

OPERATOR: J F MCADAMS

LEASENAME: BROOKS FEDERAL

WELL NO. 7

SURF LOC: UL: B SEC: 18 TWN: 20S RNG: 33E

330 FNL

990 FWL

TD 3034

PBD

KB

DF 3513

GL 3511

POOL

PERFS 3010-3030

SALT LAKE; YATES

POOL

PERFS

POOL

PERFS

CASING RECORD

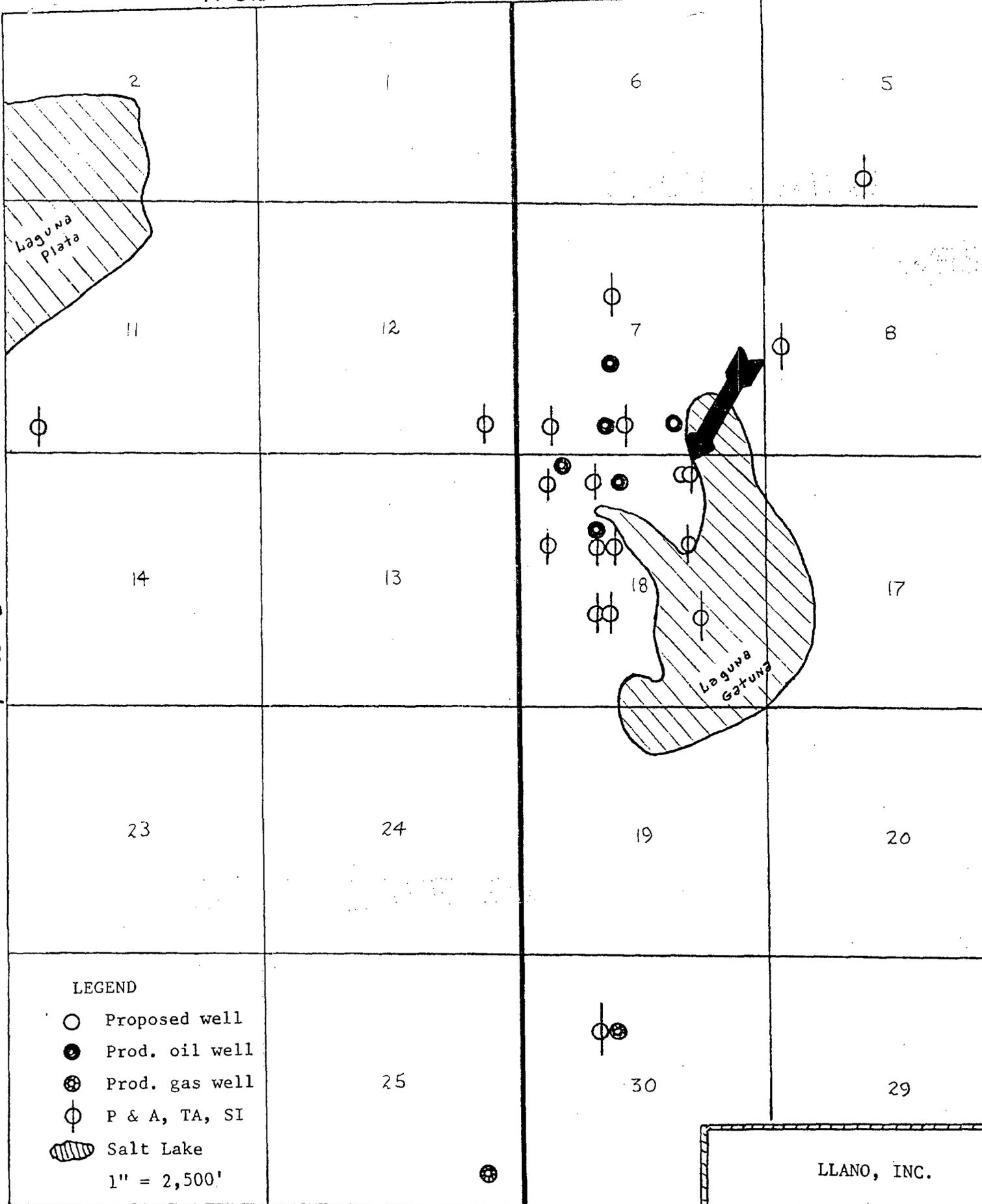
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
|-------|--------|-----------|---------|-----------|---------|
| SURF. | 10 3/4 | 1200 | 500 sxs | 12 1/4 | 0' CIRC |
| PROD. | 7 | 2707 | 500 sxs | 8 3/4 | 0' CIRC |
| LNR1. | 4 1/2 | 2608-3034 | 75 sxs | 6 1/4 | 2608 |

PREPARED BY: EDDIE SEAY

UPDATED

10/24/08

T-20-S



LEGEND

- Proposed well
- Prod. oil well
- ⊗ Prod. gas well
- ⊕ P & A, TA, SI
- ▨ Salt Lake

1" = 2,500'

LLANO, INC.
 Smith Federal 18 Lease
 Well Location Plat
 Attachment 2

COUNTY LEA FIELD Salt Lake STATE NM
 OPR LLANO, INC. API 30-025-25172
 NO 7 LEASE Brooks Federal SERIAL 3-4-22 NM
Sec 18, T20S, R33E MAP
660' FNL, 2010' FEL of Sec CO-ORD
3 mi NE/Halfway ELEV [REDACTED] L.S.

| | | | | | | | | |
|-----|----------|-----|---------------|-------------|-------|-----------|-------|-------|
| SPO | 11-18-75 | CMP | 2-27-76 | WELL CLASS: | INT. | D | FIN | DO |
| CSG | | | | FORMATION | DATUM | FORMATION | DATUM | |
| | 10 3/4" | | at 1200' | | w/500 | | sx | |
| | 7" | | at 2707' | | w/500 | | sx | |
| | 4 1/2" | | hr 2608-3034' | | w/75 | | sx | |
| | | | | TD | 3034' | (YES) | PBD | 3031' |

IP (Yates) Perfs 3010-30' P 26 BOPD + 30 BW. Pot based on
 24 hr test. GOR TSTM; gty 28

CONTR Cortez OPR'S ELEV 3511' GL, 3513' DF PD 3120' CT

F.R. 11-24-75
 (Yates)
 27-76 AMEND WELL NUMBER & LEASE NAME: Formerly reported
 as #2 Smith "18" Federal
 12-2-75 Drlg 630'
 12-9-75 Drlg 950'
 12-16-75 Drlg 1135'
 1-7-76 Drlg 2285'
 1-11-76 Drlg 2685'
 1-21-76 Drlg 2875'
 1-27-76 TD 3034'; SI
 2-3-76 TD 3034'; PBD 3031'; Swbg
 Perf (Yates) 3010-14', 3018-22', 3026-30' w/2 SPF
 2-10-76 TD 3034'; PBD 3031'; RU Pmp
 Acid (3010-30') 200 gals
 2-17-76 TD 3034'; PBD 3031'; SI
 Ppd 3-6 BO in 24 hrs (3010-30')
 3-4-22 NM

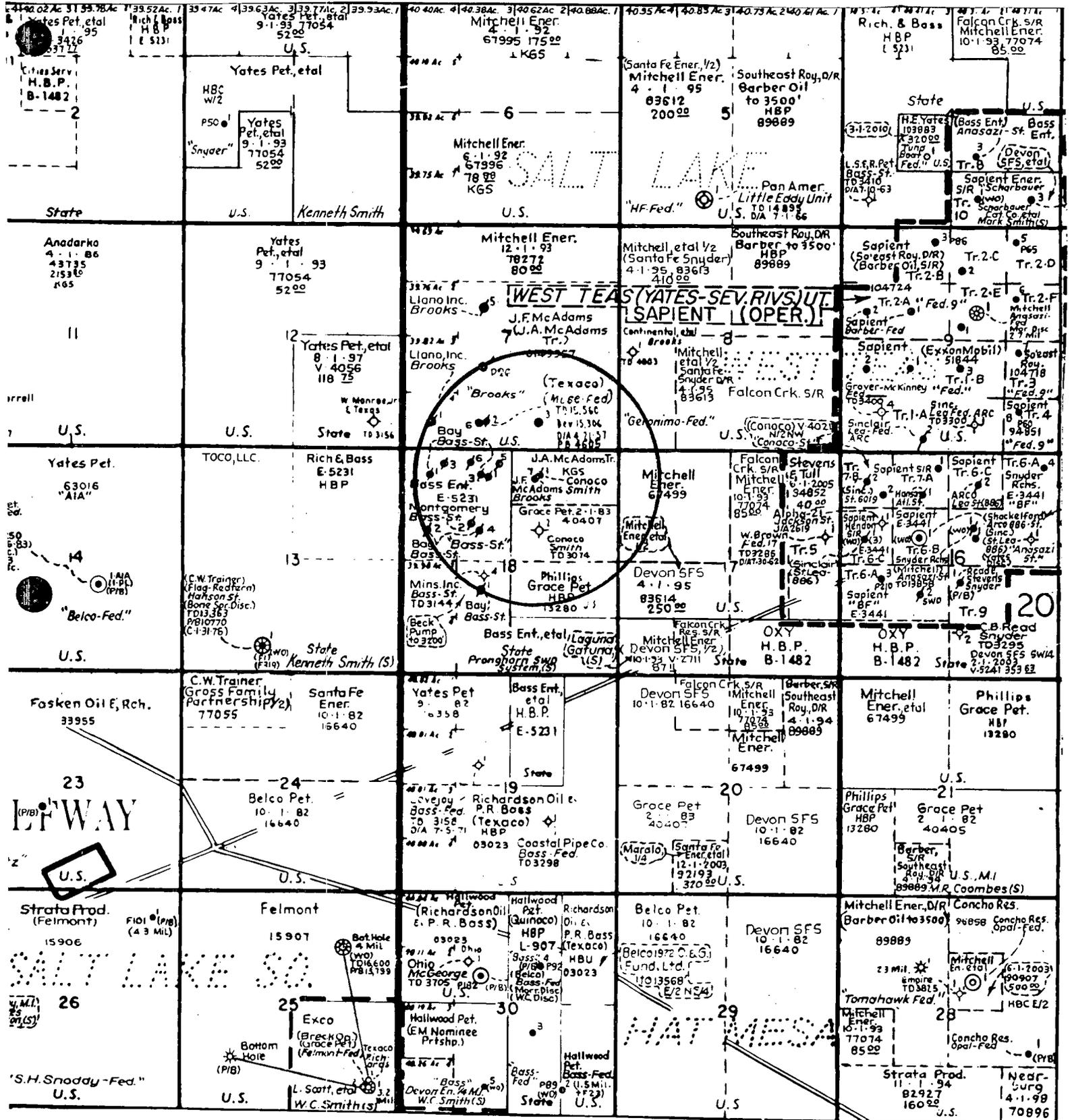
IEA
LLANG, INC.

Salt Lake
7 Brooks Federal
Sec 18, T20S, R33E

NM
Page #2

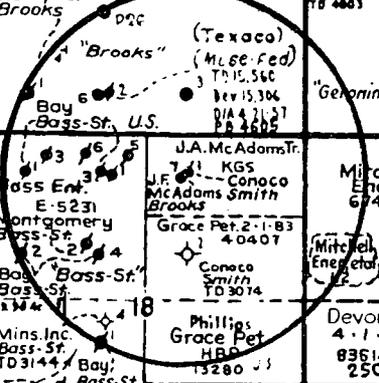
~~2-24-76~~ TD 3034'; PBD 3031'; SD Pmp Repairs
Acid (3010-30') 500 gals
3-1-76 TD 3034'; PBD 3031'; SI
3-8-76 TD 3034'; PBD 3031'; WO OCC Pot
Ppd 26 BO + 30 BW in 24 hrs (3010-30')
3-22-76 TD 3034'; PBD 3031'; Complete
LOG TOPS: Salt 1260', Base Salt 2613', Yates
2793'
3-27-76 COMPLETION ISSUED

3-4-22 NM



SALT LAKE

WEST TEAS (YATES-SEV. RIVS) UT. SAPIENT (OPER.)



44002Ac 3159.78Ac
Yates Pet, etal
3426
1-95
33732
H.B.P.
B-1482

39.52Ac. Rich & Bass
H.B.P.
E 5231
39.47Ac Yates Pet, etal
9-1-93 77054
5200
U.S.
Yates Pet, etal
HBC
W/2
P50
"Snyder"
Yates Pet, etal
9-1-93 77054
5200

40.40Ac 440.38Ac 340.62Ac 240.88Ac
Mitchell Ener.
4-1-92
67995 17500
KGS
6
Mitchell Ener.
6-1-92
67996
7800
KGS

40.35Ac 440.83Ac 340.73Ac 240.61Ac
Southeast Roy, D/R
Barber Oil
to 3500'
HBP
89889
5
Pan Amer.
Little Eddy Unit
TO 14892
DIA 7-1-66

Rich. & Bass
HBP
E 5231
Falcon Crk. S/R
Mitchell Ener.
10-1-93 77074
8500
State
U.S.
H.E. Yates
103883
K20202
Tung
Boat
Fed. U.S.
L.S.E.R. Pet.
TO 3210
DIA 10-63

Anadarko
4-1-86
43735
21530
r65
11
U.S.

Yates Pet, etal
9-1-93
77054
5200
U.S.
Kenneth Smith
Yates Pet, etal
8-1-97
V 4056
118 70
W. Mansour
& Texas
State TO 3156

Mitchell Ener.
12-1-93
78272
8000
Llano Inc.
Brooks
J.F. McAdams
(J.A. McAdams
Tr.)
082367
Llano Inc.
Brooks
"Brooks" (Mexico)
(Mex. Fed)
T.D.E. 560
Dev 15,306
DIA 4-1-27
PR 4685

Mitchell etal 1/2
(Santa Fe Snyder)
4-1-95 836f3
41000
Southeast Roy, D/R
Barber to 3500'
HBP
89889
Sapient
(Southeast Roy, D/R)
(Barber Oil, S/R)
Tr. 2-B
Tr. 2-C
Tr. 2-D
Tr. 2-E
Tr. 2-F
Sapient
Barber-Fed
Sapient
(Exxon/Mobil)
51844
Tr. 1-B
Tr. 1-C
Tr. 1-D
Tr. 1-E
Tr. 1-F
Tr. 1-G
Tr. 1-H
Tr. 1-I
Tr. 1-J
Tr. 1-K
Tr. 1-L
Tr. 1-M
Tr. 1-N
Tr. 1-O
Tr. 1-P
Tr. 1-Q
Tr. 1-R
Tr. 1-S
Tr. 1-T
Tr. 1-U
Tr. 1-V
Tr. 1-W
Tr. 1-X
Tr. 1-Y
Tr. 1-Z

Sapient
(Southeast Roy, D/R)
(Barber Oil, S/R)
Tr. 2-B
Tr. 2-C
Tr. 2-D
Tr. 2-E
Tr. 2-F
Sapient
(Exxon/Mobil)
51844
Tr. 1-B
Tr. 1-C
Tr. 1-D
Tr. 1-E
Tr. 1-F
Tr. 1-G
Tr. 1-H
Tr. 1-I
Tr. 1-J
Tr. 1-K
Tr. 1-L
Tr. 1-M
Tr. 1-N
Tr. 1-O
Tr. 1-P
Tr. 1-Q
Tr. 1-R
Tr. 1-S
Tr. 1-T
Tr. 1-U
Tr. 1-V
Tr. 1-W
Tr. 1-X
Tr. 1-Y
Tr. 1-Z

Yates Pet.
63016
"AIA"
U.S.
"Belco-Fed."

TOCO, LLC.
Rich & Bass
E 5231
HBP
C.W. Trainer
(Flag-Rodern)
Hanson St.
Bone Sec. Disc.
TO 13,363
PR 10770
(C-1-31-75)

J.A. McAdams Tr.
KGS
Conoco
McAdams Smith
Brooks
Grace Pet 2-1-83
4-04-07
Phillips
Grace Pet
HBP
13280
Bass Ent, etal
Laguna
(Gatunco)
State
Pronghorn SW
System (S)

Mitchell Ener.
67499
Falcon Crk. S/R
Stevens
Tull
1-1-2005
134852
10-1-93
77074
8500
Alpha-2
Jackson St.
W. Brown
Fed. 17
TO 2206
DIA 3-30-62
Devon SFS
4-1-95
83514
250
U.S.

Sapient S/R
Tr. 7-A
Tr. 7-B
Tr. 7-C
Tr. 7-D
Tr. 7-E
Tr. 7-F
Tr. 7-G
Tr. 7-H
Tr. 7-I
Tr. 7-J
Tr. 7-K
Tr. 7-L
Tr. 7-M
Tr. 7-N
Tr. 7-O
Tr. 7-P
Tr. 7-Q
Tr. 7-R
Tr. 7-S
Tr. 7-T
Tr. 7-U
Tr. 7-V
Tr. 7-W
Tr. 7-X
Tr. 7-Y
Tr. 7-Z

Fosken Oil E, Rch.
33955
23
U.S.

C.W. Trainer
(Gross Family
Partnership)
2
77055
Santa Fe Ener.
10-1-82
16640
Belco Pet.
10-1-82
16640
U.S.

Yates Pet
9-1-82
6358
Richardson Oil &
P.R. Bass
(Texasco)
HBP
E-5231
03023
Coastal Pipe Co.
Bass-Fed.
TO 3298

Devon SFS
10-1-82 16640
Falcon Crk. S/R
Mitchell Ener.
10-1-93
77074
8500
Southeast Roy, D/R
4-1-94
7200
89889
Mitchell Ener.
67499

Mitchell Ener, etal
67499
Phillips
Grace Pat
HBP
13280
Grace Pet
2-1-82
40405
U.S.
Barber,
S/R
Southeast Roy, D/R
89889 M.R. Coombes (S)

Strata Prod.
(Felmont)
15906
26
"S.H. Snoddy-Fed."
U.S.

Felmont
15907
Bat Hole
4 Mil
(W/O)
TO 16600
PR 13799
Exco
(Breck OR)
(Grace Pet)
(Felmont-Fed)
Texasco
Rich.
L. Sant, etal
W.C. Smith (S)

Hallwood
Pat.
(Richardson Oil
& P.R. Bass)
03023
Ohio
McGeorge
TO 3705
PR 2
U.S.
Hallwood Pat.
(EM Nominee
Partshp.)
03023
Hallwood
Pat.
Bass-Fed
2 (U.S.M.I.)
+22
U.S.

Belco Pet.
10-1-82
16640
Belco 1972 O.G.
Fund, Ltd.
10-1-3568
Devon SFS
10-1-82
16640
29
U.S.

Mitchell Ener, D/R
(Barber Oil to 3500')
89889
Concho Res.
9658
Opal-Fed.
23 Mil.
Tomahawk Fed.
Mitchell Ener, etal
10-1-93
77074
8500
Concho Res.
Opal-Fed.
Strata Prod.
11-1-94
82927
16000
U.S.
Near-
burg
4-1-99
70896

DISPOSAL WELL

| | | | | | | | | | |
|--------------|----------------|---------------|-----|---|----|------|------|-------|--------|
| 30-025-25172 | BROOKS FEDERAL | 7 J F MCADAMS | LEA | B | 18 | 20 S | 33 E | 660 N | 2010 E |
|--------------|----------------|---------------|-----|---|----|------|------|-------|--------|

| | | | | | | | | | | 5280 | | | | 5280 | | | | Distant |
|--------------|------------------|---|----------------------|-------|------|--------|-----|------|-----|------|------|------|--------|--------|---------|--|--|---------|
| API # | PROPERTY NAME | # | OPERATOR | TD | TYPE | STATUS | CO | LAND | U/I | SEC | TWN | RNG | N/S | E/W | Distant | | | |
| 30-025-01710 | BROOKS 7 FEDERAL | 2 | RANDALL F MONTGOMERY | 3075 | | P&A | LEA | F | N | 7 | 20 S | 33 E | 660 S | 1980 W | 1845 | | | |
| 30-025-01711 | BROOKS FEDERAL | 3 | J F MCADAMS | 3025 | | | LEA | F | O | 7 | 20 S | 33 E | 660 S | 1980 E | 1320 | | | |
| 30-025-01713 | BROOKS FEDERAL | 6 | J F MCADAMS | 15560 | | | LEA | F | N | 7 | 20 S | 33 E | 660 S | 1926 W | 1883 | | | |
| 30-025-01749 | SMITH FEDERAL 18 | 1 | LLANO INC | 3034 | O | P&A | LEA | | B | 18 | 20 S | 33 E | 660 N | 1980 E | 30 | | | |
| 30-025-01750 | SMITH FEDERAL 18 | 2 | PRE-ONGARD OPERATOR | 3074 | O | P&A | LEA | | G | 18 | 20 S | 33 E | 1980 N | 1980 E | 1320 | | | |
| 30-025-01751 | WELCH STATE | 1 | BAY-NEWFOUNDLAND CO | 3102 | O | P&A | LEA | | D | 18 | 20 S | 33 E | 660 N | 660 W | 2610 | | | |
| 30-025-01753 | WELCH STATE | 3 | BAY PETROLEUM CORP | 3099 | O | P&A | LEA | | C | 18 | 20 S | 33 E | 660 N | 1980 W | 1290 | | | |
| 30-025-12787 | WELCH STATE | 4 | BAY PETROLEUM CORP | 3079 | O | P&A | LEA | | F | 18 | 20 S | 33 E | 1980 N | 1980 W | 1845 | | | |
| 30-025-20328 | BASS STATE | 1 | MINERALS INC | 3100 | O | P&A | LEA | | C | 18 | 20 S | 33 E | 660 N | 2080 W | 1190 | | | |
| 30-025-20337 | BASS STATE | 2 | MINERALS INC | 3101 | O | P&A | LEA | | F | 18 | 20 S | 33 E | 1700 N | 1650 W | 1925 | | | |
| 30-025-21293 | BASS STATE | 3 | MINERALS INC | 3120 | O | P&A | LEA | | O | 18 | 20 S | 33 E | 330 N | 990 W | 2303 | | | |
| 30-025-21294 | BASS STATE | 4 | MINERALS INC | 3144 | O | P&A | LEA | | K | 18 | 20 S | 33 E | 2310 S | 1980 W | 2645 | | | |
| 30-025-27903 | BASS STATE | 5 | BEP CO, LP | 3056 | O | P&A | LEA | | C | 18 | 20 S | 33 E | 330 N | 2310 W | 1015 | | | |
| 30-025-28128 | BASS STATE | 6 | BEP CO, LP | 3079 | O | P&A | LEA | | C | 18 | 20 S | 33 E | 330 N | 1650 W | 1653 | | | |

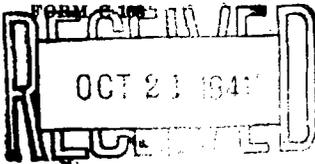
WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-01753 | | | |
|----------------------|-------|------------------------------|-------|------------|---------------------|
| FORM | DEPTH | OPERATOR: BAY PETROLEUM CORP | | | |
| | | LEASENAME: WELCH STATE | | WELL NO. 3 | |
| | | SURF LOC: | UL: C | SEC: 18 | TWN: 20S |
| | | | | | RNG: 33E |
| | | 660 FNL | | 1980 FWL | |
| | | TD 3099 | PBD | KB | DF |
| | | | GL | | |
| | | POOL SALT LAKE; YATES | | | Open Hole 3031-3099 |
| | | POOL | | | PERFS |
| | | POOL | | | PERFS |
| | | PLUG 0-10' | | | |
| | | PULL 8 5/8 @ 419' | | | |
| | | TOC @1060 est | | | |
| Rustler | 1104 | | | | |
| | | 8 5/8 @ 1114' | | | |
| | | TOC @ 1060' | | | |
| Top Salt | 1245 | PULLED 7" @ 1154 | | | |
| | | PLUG 1152-1200 | | | |
| Base Salt | 2590 | | | | |
| Yates (est) | 2770 | | | | |
| | | TOC @2892 est | | | |
| 7 Rvrs (est) | 3030 | 7 @ 3031' | | | |
| | | TOC @ 2892' | | | |
| | | PLUG 2980-3099' | | | |
| | | TD 3099' | | | |
| Capitan R (est) | 3250 | | | | |

| CASING RECORD | | | | | |
|---------------|-------|-----------|--------|-----------|----------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 8 5/8 | 1114 | 25 sxs | na | 1060 est |
| INT1 | | | | na | |
| PROD. | 7 | 1154-3031 | 50 sxs | na | 2892 est |

*2700'
1 1/2" ↓*

EST CMT TOP



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



MISCELLANEOUS REPORTS ON WELLS

Submit this report in duplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

| | | | |
|--|---|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | | REPORT ON PULLING OR OTHERWISE ALTERING CASING | |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

Roswell, New Mexico October 13, 1941
Place Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Leonard Oil Company-Walch Well No. 3 in the
Company or Operator Lease
NE 1/4 of Sec. 18, T. 20S, R. 31E, N. M. P. M.,
Salt Lake Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was [~~was set~~] submitted on Form C-102 on October 11 19 41
and approval of the proposed plan was [~~was set~~] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 7" 20 lb. seamless at 3031
50 sacks cement used, work done by Halliburton Oil Well Cementing Co
Cement set 72 hours
Resulted in a complete shut-off

Witnessed by J. M. Owen Leonard Oil Company Lease Superintendent
Name Company Title

Subscribed and sworn to before me this _____

13th day of October, 19 41

[Signature]
Notary Public

My Commission expires Dec. 11, 1943

I hereby swear or affirm that the information given above is true and correct.

Name [Signature]

Position President Leonard Oil Company

Representing Leonard Oil Company
Company or Operator

Address Roswell, N. M.

Remarks:

[Signature]
Name
OIL & GAS INSPECTOR
Title

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-12787 |
|----------------------|-------|--|
| FORM | DEPTH | OPERATOR: BAY PETROLEUM CORP |
| | | LEASENAME: WELCH STATE WELL NO. 4 |
| | | SURF LOC: UL: F SEC: 18 TWN: 20S RNG: 33E |
| | | 660 FNL 660 FWL |
| | | TD 3079 PBD KB DF |
| | | GL |
| | | POOL SALT LAKE; YATES Open Hole 3031-3099 |
| | | POOL PERFS |
| | | POOL PERFS |

| | | | | | | | | | |
|-----------------|------|-------------|--|--|--|--|--|--|--|
| Rustler | 1080 | | | | | | | | |
| | | 9 @ 1100' | | | | | | | |
| | | TOC @ 1060' | | | | | | | |
| Top Salt | 1245 | | | | | | | | |
| | | | | | | | | | |
| Base Salt | 2645 | | | | | | | | |
| | | | | | | | | | |
| Yates (est) | 2790 | | | | | | | | |
| | | | | | | | | | |
| | | 7 @ 2953' | | | | | | | |
| | | TOC @ 2892' | | | | | | | |
| 7 Rvrs (est) | 3045 | | | | | | | | |
| | | | | | | | | | |
| Capitan R (est) | 3250 | | | | | | | | |

PLUG 0-10'

PULL 8 5/8 @ 725'

TOC @ 1000 est

PULLED 7" @ 1153'

PLUG 1125-1175

TOC @ 2892 est

OR HIGHER

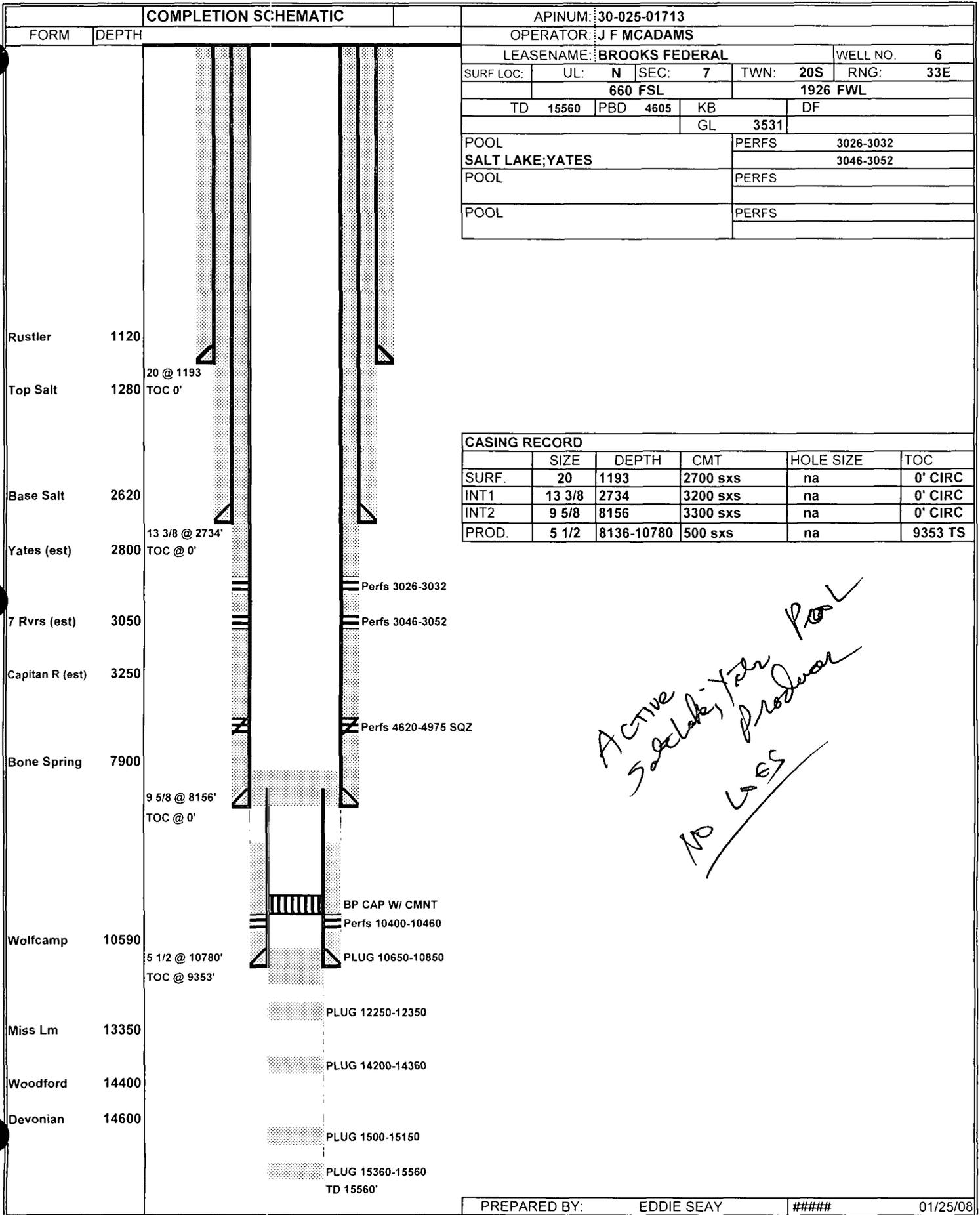
PLUG 2840-3102'

TD 3079'

| CASING RECORD | | | | | |
|---------------|-------|----------|-----|-----------|----------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 8 5/8 | 1100 est | na | na | 1000 est |
| INT1 | | | | na | |
| PROD. | 7 | 2953 | na | 8 | 2892 est |

| | | |
|-------------------------|------|----------|
| PREPARED BY: EDDIE SEAY | #### | 01/25/08 |
|-------------------------|------|----------|

WELLBORE SCHEMATIC AND HISTORY



| | | | | | |
|----------------------|----------|---------------------------|----------|----------|------------|
| COMPLETION SCHEMATIC | | APINUM: 30-025-01713 | | | |
| FORM | DEPTH | OPERATOR: J F MCADAMS | | | |
| | | LEASENAME: BROOKS FEDERAL | | | WELL NO. 6 |
| SURF. LOC. | UL: N | SEC: 7 | TWN: 20S | RNG: 33E | |
| | | 660 FSL | | | 1926 FWL |
| TD 15560 | PBD 4605 | KB | DF | | |
| | | GL | 3531 | | |
| POOL | | PERFS 3026-3032 | | | |
| SALT LAKE; YATES | | 3046-3052 | | | |
| POOL | | PERFS | | | |
| POOL | | PERFS | | | |

| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
|-------|--------|------------|----------|-----------|---------|
| SURF. | 20 | 1193 | 2700 sxs | na | 0' CIRC |
| INT1 | 13 3/8 | 2734 | 3200 sxs | na | 0' CIRC |
| INT2 | 9 5/8 | 8156 | 3300 sxs | na | 0' CIRC |
| PROD. | 5 1/2 | 8136-10780 | 500 sxs | na | 9353 TS |

*Active Salt Lake; Yates Pool
No LWS*

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-01749 | | | |
|----------------------|-------|---|-----|-----------------------------|---------------------|
| FORM | DEPTH | OPERATOR: LLANO INC | | LEASENAME: SMITH FEDERAL 18 | |
| | | SURF LOC: UL: B SEC: 18 TWN: 20S RNG: 33E | | WELL NO. 1 | |
| | | 660 FNL | | 1980 FEL | |
| | | TD 3034 | PBD | KB | DF |
| | | | GL | | |
| | | POOL SALT LAKE; YATES | | | Open Hole 2908-3034 |
| | | POOL | | | PERFS |
| | | POOL | | | PERFS |
| | | PLUG 0-17 | | | |
| | | PLUG 150-226 | | | |
| | | 8 5/8 Pull @ 540' | | | |
| | | PLUG 25sx @ 900' | | | |
| | | 5 1/2 PULLED @ 900 | | | |
| | | TOC @ 952 est | | | |
| | | PLUG 1100-1200 | | | |
| Rustler | 1094 | TOC @ 2588 est | | | |
| | | 8 5/8 @ 1115' | | | |
| | | TOC @ 1040' | | | |
| Top Salt | 1250 | | | | |
| | | PLUG 2950-3034' | | | |
| Base Salt | 2595 | | | | |
| | | 5 1/2 @ 2908' | | | |
| | | TOC @ 2588' | | | |
| Yates (est) | 2775 | | | | |
| | | TD 3034' | | | |
| 7 Rvrs (est) | 3035 | | | | |
| Capitan R (est) | 3250 | | | | |

| CASING RECORD | | | | | |
|---------------|--------|----------|-----------|-----------|----------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 10 3/4 | 617 | Mudded in | na | na |
| INT1 | 8 5/8 | 540-1115 | 50 sxs | na | 952 est |
| PROD. | 5 1/2 | 900-2908 | 100 sxs | na | 2588 est |

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-01751 | | | |
|----------------------|-------|-------------------------------|---------|---------|---------------------|
| FORM | DEPTH | OPERATOR: BAY-NEWFOUNDLAND CO | | | |
| | | LEASENAME: WELCH STATE | | | WELL NO. 3 |
| | | SURF LOC: | UL: D | SEC: 18 | TWN: 20S |
| | | | 660 FNL | | RNG: 33E |
| | | TD 3102 | PBD | KB | DF |
| | | | 660 FWL | | |
| | | | GL | | |
| | | POOL SALT LAKE; YATES | | | Open Hole 2865-3102 |
| | | POOL | | | PERFS |
| | | POOL | | | PERFS |

| CASING RECORD | | | | | |
|---------------|------|-------|--------|-----------|----------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 9 | 1112 | 50 sxs | na | 1000 est |
| INT1 | | | | na | |
| PROD. | 7 | 2865 | na | na | 2720 est |

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-01750 | | |
|---|-------|---|----------------------|-----------------|
| FORM | DEPTH | OPERATOR: PRE-ONGARD OPERATOR | | |
| <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 20px;"> </div> <div style="margin-bottom: 20px;">Rustler</div> <div style="margin-bottom: 20px;">Top Salt</div> <div style="margin-bottom: 20px;">Base Salt</div> <div style="margin-bottom: 20px;">Yates (est)</div> <div style="margin-bottom: 20px;">7 Rvrs (est) 3045</div> <div>Capitan R (est) 3250</div> </div> | | LEASENAME: SMITH FEDERAL 18 | | |
| | | SURF LOC: UL: G SEC: 18 TWN: 20S RNG: 33E | | |
| | | 1980 FNL 1980 FEL | | |
| | | TD 3074 | PBD 3050 | KB DF |
| | | | GL | |
| | | | POOL SALT LAKE;YATES | Open Hole na |
| | | POOL | PERFS | |
| | | POOL | PERFS | |

| CASING RECORD | | | | | | | |
|---------------|------|-------|----|-----|----|-----------|-----|
| | SIZE | DEPTH | | CMT | | HOLE SIZE | TOC |
| SURF. | na | na | na | na | na | na | na |
| INT1 | na | na | na | na | na | na | na |
| PROD. | na | na | na | na | na | na | na |

OCD well file ONLINE consists of only one page and is partially illegible Oil Conservation Scout Report. The only info readable is a completion in May 1942 and a total depth of 3074' with a PBD of 3050'. This well is 2640' or 1/2 mile from the Proposed Disposal Well.

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-01711 | | | |
|----------------------|-------|---------------------------|-------|---------|---------------------|
| FORM | DEPTH | OPERATOR: J F MCADAMS | | | |
| | | LEASENAME: BROOKS FEDERAL | | | WELL NO. 3 |
| | | SURF LOC: | UL: 0 | SEC: 7 | TWN: 20S |
| | | | | | RNG: 33E |
| | | 660 FSL | | | 1980 FEL |
| | | TD | PBD | KB | DF |
| | | 3025 | | GL 3503 | |
| | | POOL SALT LAKE; YATES | | | Open Hole 2910-3025 |
| | | POOL | | | PERFS |
| | | POOL | | | PERFS |

| CASING RECORD | | | | | |
|---------------|--------|-----------|---------|-----------|----------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 10 3/4 | 363 | na | na | 0' CIRC |
| INT1 | 8 5/8 | 357-1162 | 350 sxs | na | 450 est |
| INT2 | 5 1/2 | 1171-2887 | 100 sxs | na | 2560 est |
| PROD. | 3 1/2 | 2910 | 780 sxs | na | 0' Calc |

| DEPTH | DESCRIPTION | TOC |
|-------|-----------------|-----|
| 1120 | Rustler | |
| 1280 | Top Salt | |
| 2620 | Base Salt | |
| 2800 | Yates (est) | |
| 3050 | 7 Rvrs (est) | |
| 3250 | Capitan R (est) | |

8 5/8 Pull'd @ 357'

10 3/4 @ 363'
TOC 0'

8 5/8 @ 1162'
TOC @ 450'

5 1/2 PULLED @ 1171

5 1/2 @ 2887'
TOC @ 2560'

3 1/2 @ 2910'
TOC @ 0'

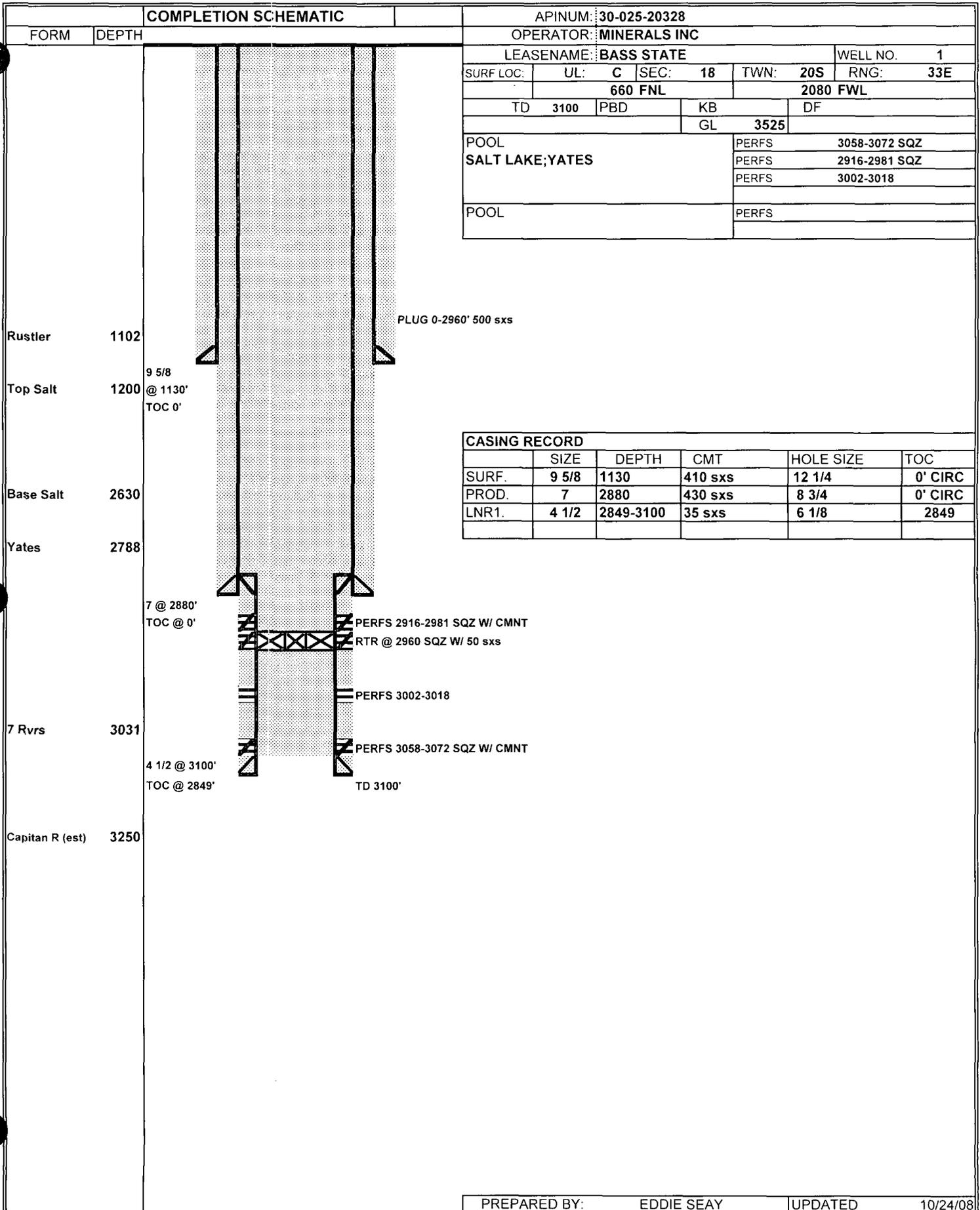
TD 3025'

Well was active - Reservoir
not to 89

170/3036w
MONTH

1/2/10w
DAY

WELLBORE SCHEMATIC AND HISTORY



COMPLETION SCHEMATIC

| FORM | DEPTH |
|-----------------|-------|
| Rustler | 1102 |
| Top Salt | 1200 |
| Base Salt | 2630 |
| Yates | 2788 |
| 7 Rvrs | 3031 |
| Capitan R (est) | 3250 |

| | |
|---|---------------------|
| APINUM: 30-025-20328 | |
| OPERATOR: MINERALS INC | |
| LEASENAME: BASS STATE | WELL NO. 1 |
| SURF LOC: UL: C SEC: 18 TWN: 20S RNG: 33E | |
| 660 FNL 2080 FWL | |
| TD 3100 PBD | KB DF |
| GL 3525 | |
| POOL SALT LAKE; YATES | PERFS 3058-3072 SQZ |
| | PERFS 2916-2981 SQZ |
| | PERFS 3002-3018 |
| POOL | PERFS |

| CASING RECORD | | | | | |
|---------------|-------|-----------|---------|-----------|---------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 9 5/8 | 1130 | 410 sxs | 12 1/4 | 0' CIRC |
| PROD. | 7 | 2880 | 430 sxs | 8 3/4 | 0' CIRC |
| LNR1. | 4 1/2 | 2849-3100 | 35 sxs | 6 1/8 | 2849 |

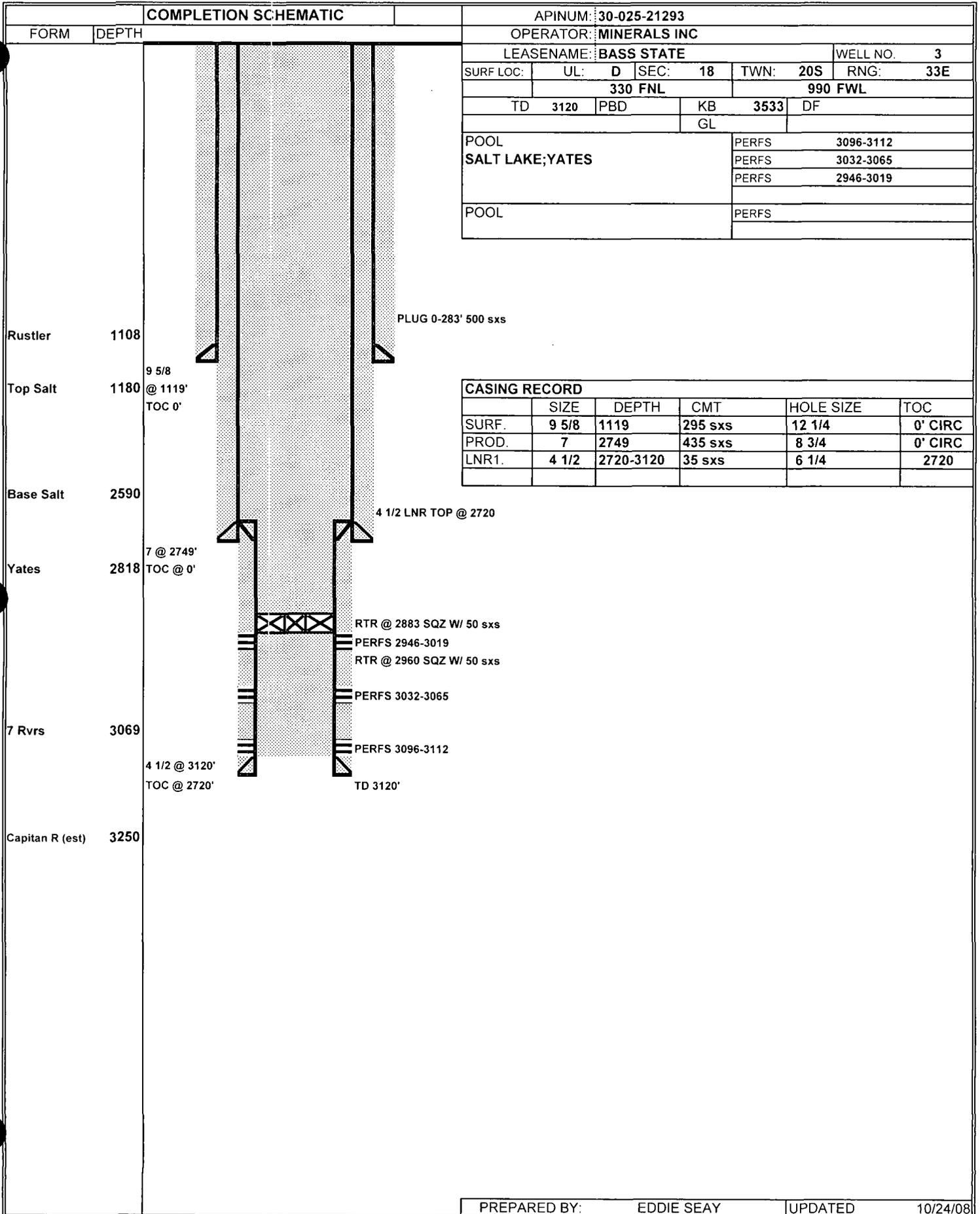
WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-20337 |
|----------------------|-------|---|
| FORM | DEPTH | OPERATOR: MINERALS INC |
| | | LEASENAME: BASS STATE WELL NO. 2 |
| | | SURF LOC: UL: F SEC: 18 TWN: 20S RNG: 33E |
| | | 1700 FNL 1650 FWL |
| | | TD 3101 PBD KB DF |
| | | GL |
| | | POOL SALT LAKE; YATES PERFS 2924-3009 |
| | | PERFS 3014-3080 |
| | | POOL PERFS |
| | | POOL PERFS |

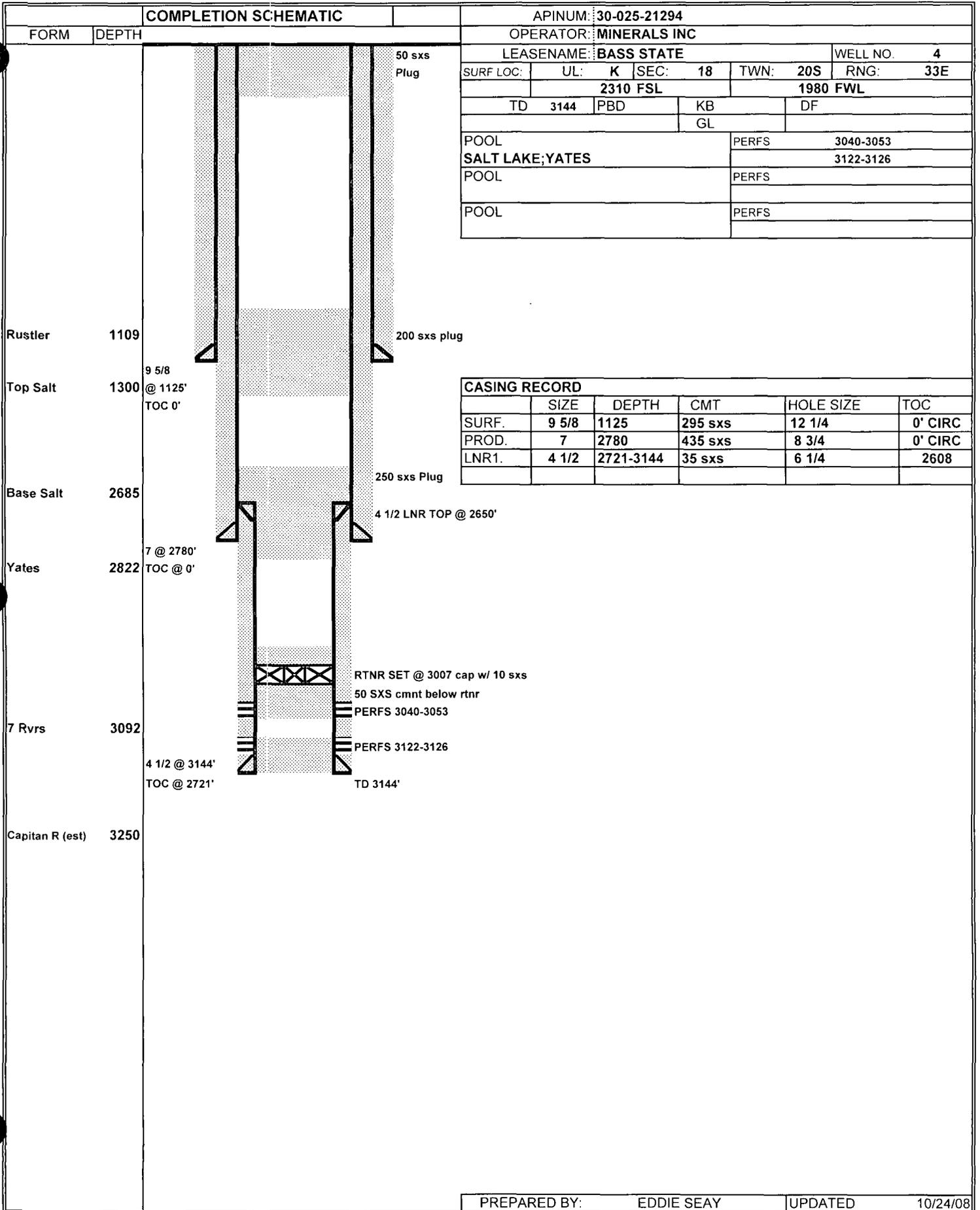
| CASING RECORD | | | | | |
|---------------|-------|-----------|---------|-----------|---------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 9 5/8 | 1095 | 310 sxs | 12 1/4 | 0' CIRC |
| PROD. | 7 | 2723 | 500 sxs | 8 3/4 | 0' CIRC |
| LNR1. | 4 1/2 | 2650-3101 | 35 sxs | 6 1/4 | 2650 |

| LITHOLOGY | DEPTH | SCHEMATIC |
|-----------------|-------|---|
| Rustler | 1078 | 50 sxs Plug |
| Top Salt | 1260 | 200 sxs plug |
| | | 9 5/8 @ 1095' TOC 0' |
| Base Salt | 2645 | 250 sxs Plug |
| Yates | 2788 | 4 1/2 LNR TOP @ 2650' |
| | | 7 @ 2723' TOC @ 0' |
| 7 Rvrs | 3044 | RTNR SET @ 2883 cap w/ 10 sxs 50 SXS cmnt below rtnr PERFS 2924-3009 PERFS 3010-3030 |
| | | 4 1/2 @ 3101' TOC @ 2650' |
| Capitan R (est) | 3250 | TD 3101' |

WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-27903 | | | |
|----------------------|---------------------------|----------------------------------|-------|------------|---------------------|
| FORM | DEPTH | OPERATOR: BEPCO LP | | | |
| | | LEASENAME: BASS STATE | | WELL NO. 5 | |
| | | SURF LOC: | UL: C | SEC: 18 | TWN: 20S |
| | | | | | RNG: 33E |
| | | 330 FNL | | 2310 FWL | |
| | | TD 3056 | PBD | KB 3528 | DF |
| | | | | GL 3524 | |
| | | POOL SALT LAKE; YATES | | | Open Hole 2900-3056 |
| | | POOL | | | PERFS |
| | | POOL | | | PERFS |
| | | PLUG 200 sxs 625-2714 TAG @ 625' | | | |
| Rustler | 1111 | PLUG 10 sxs | | | |
| Top Salt | 1182 | | | | |
| | 8 5/8 @ 1102' TOC 0' | | | | |
| Base Salt | 2640 | | | | |
| Yates | 2796 | CIBP @ 2714 | | | |
| | 5 1/2 @ 2900' TOC @ 0' | | | | |
| 7 Rvrs | 3032 | TD 3056' | | | |
| Capitan R (est) | 3250 | | | | |

| CASING RECORD | | | | | |
|---------------|-------|-------|---------|-----------|---------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 8 5/8 | 1102 | 600 sxs | 12 1/4 | 0' CIRC |
| PROD. | 5 1/2 | 2900 | 750 sxs | 7 7/8 | 0' CIRC |
| | | | | | |

WELLBORE SCHEMATIC AND HISTORY

| COMPLETION SCHEMATIC | | APINUM: 30-025-28128 | | | |
|----------------------|-------|------------------------|---------|------------|---------------------|
| FORM | DEPTH | OPERATOR: BEPCO LP | | | |
| | | LEASENAME: BASS STATE | | WELL NO. 6 | |
| | | SURF LOC: | UL: C | SEC: 18 | TWN: 20S |
| | | 330 FNL | | 1650 FWL | |
| | | TD 3079 | PBD | KB 3540 | DF |
| | | | GL 3524 | | |
| | | POOL SALT LAKE; YATES | | | Open Hole 3022-3079 |
| | | POOL | | | PERFS |
| | | POOL | | | PERFS |
| | | PLUG 10 sxs | | | |
| | | PLUG 25 sxs | | | |
| | | 301-401 | | | |
| | | PLUG 180 sxs 639-2700' | | | |
| Rustler | 1106 | | | | |
| Top Salt | 1178 | | | | |
| | | 8 5/8 @ 1114' TOC 0' | | | |
| Base Salt | 2653 | | | | |
| Yates | 2806 | | | | |
| | | 5 1/2 @ 3022' TOC @ 0' | | | |
| 7 Rvrs | 3048 | PLUG 50 sxs 2762-3079 | | | |
| Capitan R (est) | 3250 | TD 3079' | | | |

| CASING RECORD | | | | | |
|---------------|-------|-------|---------|-----------|---------|
| | SIZE | DEPTH | CMT | HOLE SIZE | TOC |
| SURF. | 8 5/8 | 1114 | 535 sxs | 12 1/4 | 0' CIRC |
| PROD. | 5 1/2 | 3022 | 860 sxs | 7 7/8 | 0' CIRC |
| | | | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **NM-149957**
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. **Brooks Fed #7**

9. API Well No. **30-015-25172**

10. Field and Pool or Exploratory Area
Salt Lake Yates

11. Country or Parish, State
Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **J.F. Mc Adams**

3a. Address **1008 W. Broadway Hobbs** 3b. Phone No. (include area code) **575-872-2982**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit B 330/N 990/W Sect 19 Twp 20 Rng 33 E

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input checked="" type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

- 1) Plan to clean out well and convert to SWD
- 2) clean out well bore
- 3) Acidize existing perfs and additional perfs if needed. From 2800 to 3034
- 4) Run in hole set 4 1/2 pkr & approximately 2750.
- 5) inject produced water down 2" IPC tubing into the Yates formation
- 6) Pressure test well as required
- 7) File sundry notice.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) **Eddie W Seay** Title **Agent**
Signature **Eddie W Seay** Date **11/3/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

POOLCHLORIDES

| | |
|--------------------------------|----------------|
| Dean Permo Pennsylvanian | 44,730 |
| Dean Devonian | 19,525 |
| Denton Wolfcamp | 37,275 |
| Denton Devonian | 37,062 |
| South Denton Wolfcamp | 54,915 |
| South Denton Devonian | 34,080 |
| Medicine Rock Devonian | 39,760 |
| Little Lucky Lake Devonian | 23,288 |
| Wantz Abo | 132,770 |
| Crosby Devonian | 58,220 |
| Scarborough Yates Seven Rivers | 3,443 (Reef) |
| Teague Simpson | 114,665 |
| Teague Ellenburger | 120,345 |
| Rhodes Yates Seven Rivers | 144,485 |
| House San Andres | 93,365 |
| House Drinkard | 49,700 |
| South Leonard Queen | 115,375 |
| Elliott Abo | 55,380 |
| Scharb Bone Springs | 30,601 |
| EK Queen | 41,890 |
| East EK Queen | 179,630 |
| Maljamar Grayburg San Andres | 46,079 |
| Maljamar Paddock | 115,375 |
| Maljamar Devonian | 25,418 |
| Salt Lake Yates | 6,781 (Reef) |
| Teas Yates Seven Rivers | 22,152 (Reef?) |

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: Range: Sections:

NAD27 X: Y: Zone: Search Radius:

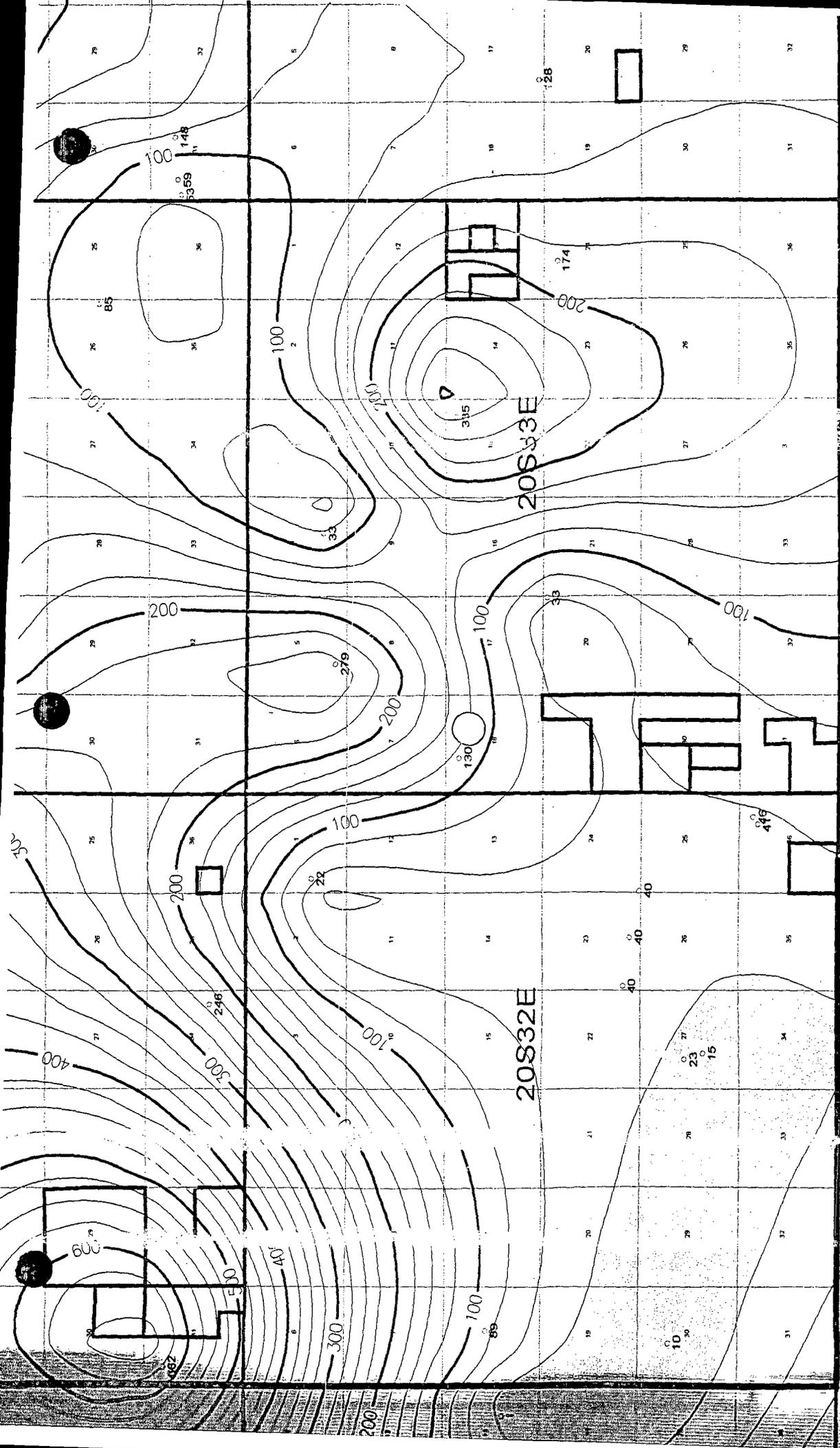
County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic
 All

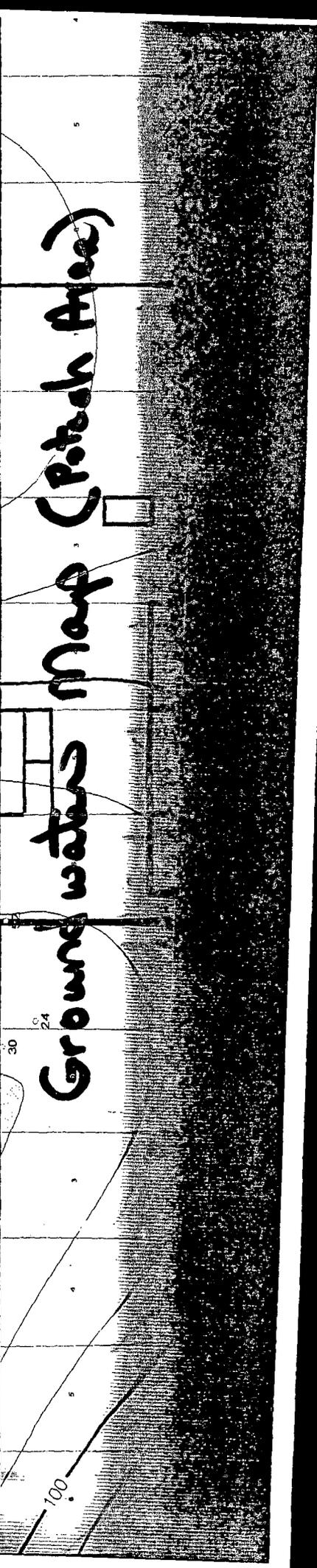
AVERAGE DEPTH OF WATER REPORT 11/03/2008

| Bsn | Tws | Rng | Sec | Zone | X | Y | Wells | (Depth Water in Feet) | | |
|-----|-----|-----|-----|------|---|---|-------|-----------------------|-----|-----|
| | | | | | | | | Min | Max | Avg |

No Records found, try again



Groundwater Map (Potok Area)



LEASE OWNERS AND OFFSETS

LAND OWNER AND MINERAL OWNER:

Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

OFFSET OPERATORS:

None

MINERAL OWNERS:

Mitchell Energy
Box 4000
Spring, TX 76367

Conoco-Phillips
3401 E. 30th St.
Farmington, NM 87402

Bass Ent.
Box 2760, 6 Desta Dr., Ste. 3700
Midland, TX 79701

POTASH OWNER:

Mosaic Potash
Box 71
Carlsbad, NM 88220

J.F. McADAMS

November 3, 2008

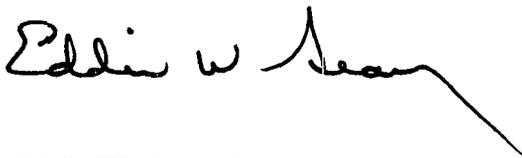
RE: Brooks Federal. #7
Unit B, Sect. 18, T. 20 S., R. 33 E.
API #30-025-25172

Dear Sir:

In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, you are being provided a copy of the C-108, Application for Authorization to Inject in to the above captioned well.

Any questions about the permit can be directed to Eddie W. Seay, (575)392-2236. Any objections or request for hearing must be filed with the Oil Conservation Division within fifteen (15) days from the date received. The OCD address is 1220 S. Saint Francis Drive, Santa Fe, NM 87504, (505)476-3440.

Thank you,

A handwritten signature in black ink that reads "Eddie W. Seay". The signature is written in a cursive style and extends to the right with a long, thin tail.

Eddie W. Seay, Agent
601 W. Illinois
Hobbs, NM 88242
(575)392-2236
seay04@leaco.net

4322 690E T000 04TT 900L

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| Certified Fee | | \$2.70 |
| Return Receipt Fee (Endorsement Required) | | \$2.20 |
| Restricted Delivery Fee (Endorsement Required) | | \$0.00 |
| Total Postage & Fees | \$ | \$6.75 |

HOBBBS NM 88240
 NOV 06
 NOV 3 2008
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Bureau of Land Management
 620 E. Greene St.
 Carlsbad, NM 88220

PS Form 3800, August 2006 See Reverse for Instructions

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|--|-----------|---------------|
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| Certified Fee | | \$2.70 |
| Return Receipt Fee (Endorsement Required) | | \$2.20 |
| Restricted Delivery Fee (Endorsement Required) | | \$0.00 |
| Total Postage & Fees | \$ | \$6.58 |

HOBBBS NM 88240
 NOV 06
 NOV 3 2008
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Bass Ent.
 Box 760, 6 Desta Dr., Ste. 3700
 Midland, TX 79701

PS Form 3800, August 2006 See Reverse for Instructions

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| Certified Fee | | \$2.70 |
| Return Receipt Fee (Endorsement Required) | | \$2.20 |
| Restricted Delivery Fee (Endorsement Required) | | \$0.00 |
| Total Postage & Fees | \$ | \$6.58 |

HOBBBS NM 88240
 NOV 06
 NOV 3 2008
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Mitchell Energy
 Box 4000
 Spring, TX 76367

PS Form 3800, August 2006 See Reverse for Instructions

900L 0001 3089 7292

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| Postage | \$ | \$1.68 |
| Certified Fee | | \$2.70 |
| Return Receipt Fee (Endorsement Required) | | \$2.20 |
| Restricted Delivery Fee (Endorsement Required) | | \$0.00 |
| Total Postage & Fees | \$ | \$6.58 |

HOBBBS NM 88240
 NOV 06
 NOV 3 2008
 Postmark Here

Mosaic Potash
 Box 71
 Carlsbad, NM 88220

PS Form 3800, August 2006 See Reverse for Instructions

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OFFICIAL USE

FARMINGTON, NM 87402

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|--|-----------|---------------|
| Postage | \$ | \$1.68 |
| Certified Fee | | \$2.70 |
| Return Receipt Fee (Endorsement Required) | | \$2.20 |
| Restricted Delivery Fee (Endorsement Required) | | \$0.00 |
| Total Postage & Fees | \$ | \$6.58 |

HOBBBS NM 88240
 NOV 06
 NOV 3 2008
 Postmark Here

Conoco-Phillips
 3401 E. 30th St.
 Farmington, NM 87402

PS Form 3800, August 2006 See Reverse for Instructions

LEGAL NOTICE

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, J.F. McAdams, 1008 W. Broadway, Hobbs, NM 88241, is filing a C-108, Application for Salt Water Disposal. The well being applied for is the Brooks Federal #7, API 30-025-25172, located in Unit B, Section 18, Township 20 South, Range 33 East, Lea Co., NM. The injection formation is the Yates from 2800' to 3034' below surface. Expected maximum injection rate is 750 bpd., and the expected maximum injection pressure is 500 psi or what the OCD allows. Any questions about the application can be directed to Eddie W. Seay, (575)392-2236, or any objection or request for hearing must be directed to the Oil Conservation Division, (505)476-3440, 1220 South Saint Francis Drive, Santa Fe, NM 87504, within fifteen (15) days.

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled Legal Notice was published in a regular and entire issue of **THE LOVINGTON LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of October 30, 2008 and ending with the issue of October 30, 2008.

And that the cost of publishing said notice is the sum of \$ 22.69 which sum has been (Paid) as Court Costs.

Joyce Clemens

Subscribed and sworn to before me this 31st day of October 2008

Debbie Schilling

Debbie Schilling
Notary Public, Lea County, New Mexico
My Commission Expires June 22, 2010

LEGAL NOTICE
Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, J.F. McAdams, 1008 W. Broadway, Hobbs, NM 88241, is filing a C-108, Application for Salt Water Disposal. The well being applied for is the Brooks Federal #7, API 30-025-25172, located in Unit B, Section 18, Township 20 South, Range 33 East, Lea Co., NM. The injection formation is the Yates from 2800' to 3034' below surface. Expected maximum injection rate is 750 bpd., and the expected maximum injection pressure is 500 psi or what the OCD allows. Any questions about the application can be directed to Eddie W. Seay, (575)392-2236, or any objection, or request for hearing must be directed to the Oil Conservation Division, (505)476-3440, 1220 South Saint Francis Drive, Santa Fe, NM 87504, within fifteen (15) days.

Published in the Lovington Leader October 30, 2008.

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Monday, November 17, 2008 11:01 AM
To: 'GolfGodpar@aol.com'; 'Eddie Seay'
Cc: Ezeanyim, Richard, EMNRD; Kautz, Paul, EMNRD; Warnell, Terry G, EMNRD
Subject: RE: C-108 application API 30-025-25172 Brooks Federal #7

Hello Tony or Eddie:

For lease injection, your injection application looks reasonable. Because of the old wells and proximity to the Salt and the Reef, if this were for commercial injection, it would need to have a closer look.

Here are a few concerns:

- 1) We don't seem to have elogs on file in our imaging system for any of your wells. You are shown on our system to operate 4 wells, please send copies of any elogs, CBLs, TS, etc that you can find to the Hobbs district, attn Paul Kautz. The Brooks Federal #7 had a cased hole GR-CNL run – but this is not in our records and it should be. Due to the lack of elogs, it is hard to verify where the Salt ends and the top of the Reef begins. The deeper wells seem to not have elogs either.
- 2) A couple of wells in the Area of Review have cement tops that were not verified and may or may not be below 2800 feet. Injection at 2800 feet would potentially expose the Salt to injection fluid. The permit will be written with the top of the injection at 2900 feet. If you have trouble getting enough injection volumes, at that time, an amended permit may be issued, if you request.
- 3) Your application says "no fresh water in this area". Where is the nearest windmill or water well? If you can find one within 1 mile, then send an analysis of the water in.
- 4) Are you OK with a permit to inject into this well from ONLY your producing Salt Lake; Yates Pool wells? If you have other water production (than Yates) that needs disposal, then please send a water analysis and estimated volume.

None of these concerns should delay your permit – please reply as soon as possible.

Thank You,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

From: GolfGodpar@aol.com [mailto:GolfGodpar@aol.com]
Sent: Thursday, November 13, 2008 4:13 PM
To: Jones, William V., EMNRD
Subject: Re: C-108 application API 30-025-25172 Brooks Federal #7

Thanks so much... I will keep my fingers (and my wallet) crossed :-)
Tony

In a message dated 11/13/2008 3:43:52 P.M. Mountain Standard Time, William.V.Jones@state.nm.us writes:

Hello Tony:
It was delivered at lunch today. It was logged in Nov 10 (Monday). I was out until today (Thursday).

We can release by Nov 26 if everything is fine with the application, otherwise it gets pushed back.
I will look at it and let you know.

Take Care,

Jones, William V., EMNRD

From: GolfGodpar@aol.com
Sent: Monday, November 17, 2008 1:45 PM
To: Jones, William V., EMNRD
Subject: Re: C-108 application API 30-025-25172 Brooks Federal #7

Mr. Jones,

We are OK with a permit to inject only water production from our 4 (now 3) operating wells that needs disposal. I have contacted persons in Hobbs and they are working on preparing answers to respond to all your other questions. We will respond shortly.

Thank you again for your prompt assistance in this matter.

Tony McAdams

In a message dated 11/17/2008 11:02:33 A.M. Mountain Standard Time, William.V.Jones@state.nm.us writes:

- 4) Are you OK with a permit to inject into this well from ONLY your producing Salt Lake; Yates Pool wells? If you have other water production (than Yates) that needs disposal, then please send a water analysis and estimated volume.

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This inbound email has been scanned by the MessageLabs Email Security System.

Jones, William V., EMNRD

From: Eddie Seay [seay04@leaco.net]
Sent: Wednesday, November 19, 2008 4:27 PM
To: Jones, William V., EMNRD
Subject: McAdams C-108 Application

November 20, 2008

NMOCD Engineering
ATTN: William V. Jones
1220 S. Saint Francis Dr.
Santa Fe, NM 87504

RE: McAdams
C-108 Application
Brooks Fed. #7 API 30-025-25172

Mr. Jones:

We appreciate your response to the application. In answering your request, I have talked to Mr. Kautz with the OCD concerning logs. He is checking on old strip logs to see if anything shows up. He said that he would assist in determining the reef and salt.

Also, I have reviewed water information in both Tws. 20, Rng. 33 and Tws. 20, Rng. 32, no water wells exist. This is in the potash area and the area where pits were allowed because there was no groundwater.

Should you need anything further, please call.

Thanks,

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

This inbound email has been scanned by the MessageLabs Email Security System.

Injection Permit Checklist (7/8/08)

Case _____ R- SWD 1144 WFX _____ PMX _____ IPI _____ Permit Date _____ UIC Qtr _____
 # Wells _____ Well Name: Brooks Federal #7
 API Num: (30-) 025-25112 Spud Date: _____ New/Old: _____ (UIC primacy March 7, 1982)
 Footages: ~~3200' / 990' Full~~ Unit B Sec 18 Tsp 205 Rge 33E County LEA
 Operator: J.F. McADAMS Contact TONY McADAMS / Eddie Gray
 OGRID: 11238 RULE 40 Compliance (Wells) 0/4 (Finan Assur) OK
 Operator Address: 1008 W. BROADWAY, HOBBS, NM 88241
 Current Status of Well: Problem

Planned Work to Well: Convert Planned Tubing Size/Depth: 2 3/8" @ 2910'

| | Sizes Hole.....Pipe | Setting Depths | Cement Sx or Cf | Cement Top and Determination Method |
|---|----------------------|------------------|-----------------|-------------------------------------|
| Existing _____ Surface | <u>12 1/4 10 3/4</u> | <u>1200'</u> | <u>500</u> | <u>CIRC</u> |
| Existing _____ Intermediate | <u>8 3/4 7</u> | <u>2707'</u> | <u>500</u> | <u>CIRC</u> |
| <u>LINER</u> Existing _____ Long String | <u>6 1/4 4 1/2</u> | <u>2608-3034</u> | <u>75</u> | <u>2608'</u> |

DV Tool _____ Liner ✓ Open Hole NO Total Depth _____ PBTD _____
 Well File Reviewed ✓
 Diagrams: Before Conversion ✓ After Conversion ✓ Elogs in Imaging File: None (Case Hole CML Run)

| Intervals: | Depths | Formation | Producing (Yes/No) |
|---------------------------------|----------------------------|------------|--------------------|
| Above (Name and Top) | | | |
| Above (Name and Top) | <u>2613 - Base of Salt</u> | | |
| Injection..... Interval TOP: | <u>2900</u> | <u>Yes</u> | |
| Injection..... Interval BOTTOM: | <u>3030</u> | <u>Yes</u> | |
| Below (Name and Top) | <u>3050 - TRVRS TOP</u> | | |

Salt Lake; Water Pool area
580 PSI Max. WHIP
NO Open Hole (Y/N)
NO Deviated Hole?

Sensitive Areas: Capitan Reef 3250' ~~Chin House~~ Salt Depths 1260 - 2613
 Potash Area (H-111-P) _____ Potash Lessee MOAIC Noticed? ✓

Fresh Water: Depths: _____ Wells(Y/N) _____ Analysis Included (Y/N): _____ Affirmative Statement ✓

Salt Water: Injection Water Types: 75G BIWPD (ONLY) From McADAMS Analysis? _____

Injection Interval..... Water Analysis: ✓ Hydrocarbon Potential RE-INJECT waste water

Notice: Newspaper(Y/N) ✓ Surface Owner BLM Mineral Owner(s) BLM

RULE 701B(2) Affected Parties: MITCHELL / Conoco / BLM / MOAIC / BLM

Area of Review: Adequate Map (Y/N) ✓ and Well List (Y/N) ✓

Active Wells 3 Num Repairs 0 Producing in Injection Interval in AOR Yes
 ..P&A Wells 11 Num Repairs 0 All Wellbore Diagrams Included? Yes

Questions to be Answered:
 - more info on FW
 - logs
 - 2900' to present salt

Required Work on This Well: _____ Request Sent _____ Reply NO
 AOR Repairs Needed: _____ Request Sent _____ Reply NO
 _____ Request Sent _____ Reply NO

2400
5800
 NOTICED
 11/3/08

500' Deep
BF #6
1713
NO LOGS
500' 01714