

AREA OF REVIEW
WELLS
PLUGGED AND ABANDONED

<p>BEFORE EXAMINER CATANACH OIL CONSERVATION DIVISION GREEN HILL EXHIBIT NO. <u>5</u> CASE NO. <u>10154</u></p>

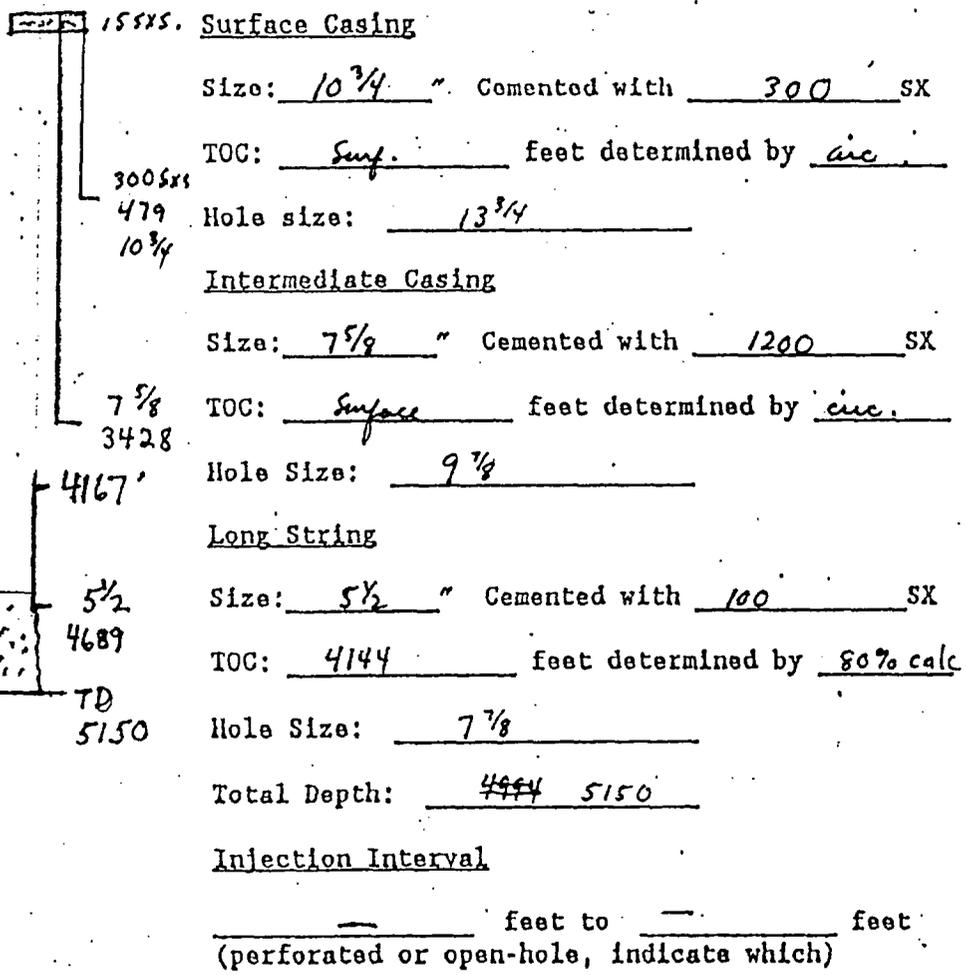
INJECTION WELL DATA SHEET

Tide Water Associated Oil Co. H.T. Monteith
 OPERATOR LEASE

1 23350 E of NESW K 25 T16S R 36E
 WELL NO. FOOTAGE LOCATION SEC. TOWNSHIP RANGE

(1650 S - 23350)

Tubular Data



P&A
6/10/48

4 5/8
5 1/2
3428
4167

100 SX
5150-4630

Injection Interval
 _____ feet to _____ feet
 (perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) San Andres
- Is this a new well drilled for injection? _____
 If no, for what purpose was the well originally drilled? production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

4
OK

Lynx Petroleum Consultants

Geraldine Doughty

OPERATOR		LEASE		
# 1	2100' FWL & 1650' FSL	25	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

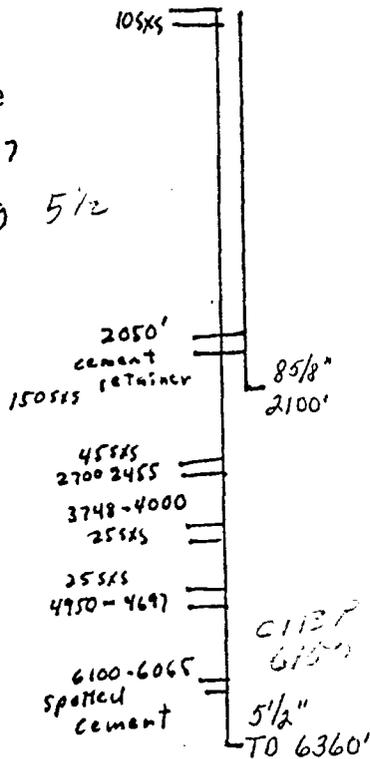
4.2 3.3

Tubular Data

Completed
2-20-86

Cased Hole
Pc A 12/5/87

pulled casing 5 1/2
2600'



Surface Casing

Size: 8-5/8" Cemented with 975 SX

TOC: Surface feet determined by ^{circ}calc

Hole size: 12-1/4"

Intermediate Casing

Size: Cemented with SX

TOC: feet determined by

Hole size:

Long String

Size: 5-1/2" Cemented with 790 SX

TOC: 2056 feet determined by ^{80%}calc

Hole size: 7-5/8"

Total Depth: 6360'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
- Name of Field or Pool (If applicable) Wildcat Queen
- Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Below Grayburg

Phillips Petroleum Corp Livingston

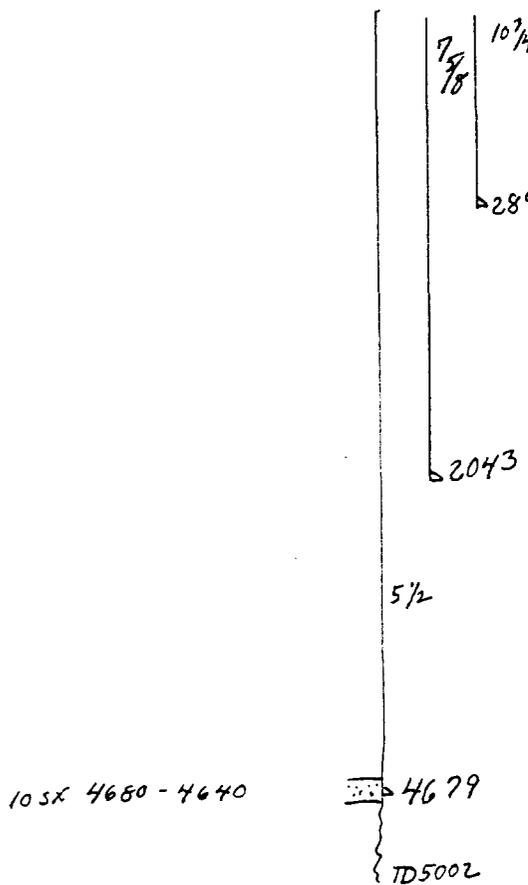
OPERATOR LEASE

1 (1980 S 660 E?) 35 16 S 36 E

WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data



<u>Surface Casing</u>	
Size <u>10 3/4</u> "	Cemented with <u>250</u> sx.
TOC <u>Circ</u>	feet determined by <u>calc</u>
Hole size <u>13 3/4</u>	
<u>Intermediate Casing</u>	
Size <u>7 5/8</u> "	Cemented with <u>600</u> sx.
TOC <u>395</u>	feet determined by <u>calc</u>
Hole size <u>9 7/8</u>	
<u>Long string</u>	
Size <u>5 1/2</u> "	Cemented with <u>300</u> sx.
TOC <u>1609</u>	feet determined by <u>calc</u>
Hole size <u>6 3/4</u>	
Total depth <u>5002</u>	
Injection interval	
_____ feet to _____ feet	
(perforated or open-hole, indicate which)	

DATE	DEPTH	NATURE OF WORK PERFORMED
5-22-47	5002'	Lee County Casing Pullers, Contractor, moved in equipment to plug and abandon well. Running tubing to mud hole.
5-23-47	5002'	Ran tubing and mudded hole - spotted 10 sacks cement 1629-1698'
5-24-47	5002'	Shot 5-1/2" casing at 2200', casing came loose - now pulling casing.
5-25-47	5002'	No report.
5-26-47	5002'	Pulled 5-1/2" casing. Recovered 69 joints 2201', 1 1/2 SS "B" condition casing.
5-27-47	5002'	Mudded hole preparing to shoot 7-5/8" casing.
5-28-47	5002'	Spotted 10 sacks cement 2163-2218'. Shot 7-5/8" casing at 900', 700', 600', and 500'. Casing parted at 500'.
5-29-47		Pulled casing, 13 joints 499', 2 1/2" Range 3, H-40 SS "B" condition casing. Ran 10 sacks cement 502-534'. Placed wood plug at 10' in 10-3/4" casing and cemented to surface. Placed 4" pipe marker and filled cellar. Well plugged and abandoned.

INJECTION WELL DATA SHEET

54
P?

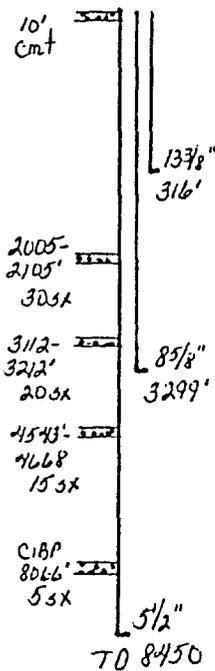
Getty	State "M"		
OPERATOR	LEASE		
3	1650' FSL & 1650' FEL	36	16S 36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP RANGE

Tubular Data

Completed
8-16-52

P&A 2-11-75

5 1/2" 100'
316' 200'



Surface Casing

Size: 13-3/8" Cemented with 400 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8" Cemented with 1100 SX

TOC: Surface feet determined by calc *Circ*

Hole size: 11"

Long String

Size: 5-1/2" Cemented with 600 SX

TOC: 4966 feet determined by 80% calc

Hole size: 7-3/4"

Total Depth: 8450'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Abo
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard

INJECTION WELL DATA SHEET

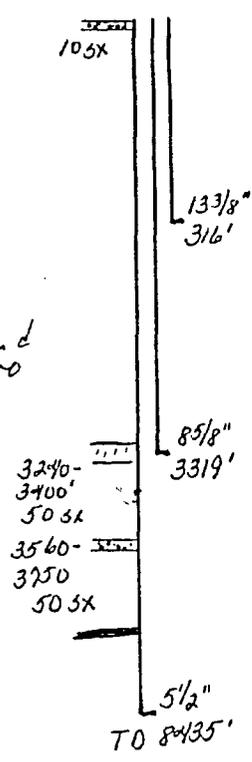
Cities Service		State AE		
OPERATOR		LEASE		
2	3630' FNL & 4290' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
1-09-53
P&A 6-6-69

5 1/2 csg cut and pulled from 3200

Cm frnt at 3988 w/ 555 SX below



Surface Casing

Size: 13-3/8" Cemented with 325 SX
TOC: Surface feet determined by calc
Hole size: 17-1/2"

Intermediate Casing

Size: 8-5/8" Cemented with 2164 SX
TOC: Surface feet determined by calc
Hole size: 11"

Long String

Size: 5-1/2" Cemented with 650 SX
TOC: 5600 feet determined by temp survey
Hole size: 7-7/8"

Total Depth: 8435'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Abo
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
(Above) Drinkard

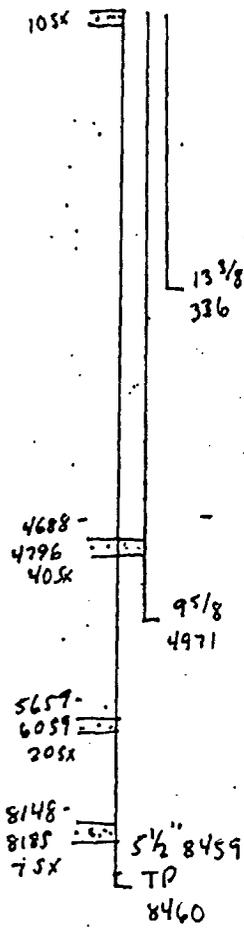
INJECTION WELL DATA SHEET

Tidewater Getty		State "M"		
OPERATOR	1650 FEL	LEASE		
2	3630' FNL & 330' FEL	36	16S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
3-03-52
P&A 6-26-73

4833-8459
7 1/2"



Surface Casing
Size: 13-3/8" Cemented with .350 SX
TOC: Surface feet determined by circ calc
Hole size: 17-1/4"

Intermediate Casing
Size: 9-5/8" Cemented with 3000 SX
TOC: Surface feet determined by file calc
Hole Size: 12-1/4"

Long String
Size: 7 " Cemented with 400 SX
TOC: 5820 feet determined by C 103 report
Hole Size: 8-3/4"
Total Depth: 8460'

Injection Interval
_____ feet to _____ feet
(perforated or open-hole, indicate which)

B.P. 7 2 1/2"

Tubing size _____ lined with _____ set in a _____ (material) packer at _____ feet. (brand & model) (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (if applicable) Lovington Abo
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

84
OK

Arco	State 182 "A"			
OPERATOR	LEASE			
3	1959.54' FWL & 660' FSL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
4-12-52

P&A'd 2-4-76

Surface Casing

Size: 13-3/8" Cemented with 325 SX

TOC: Surface feet determined by calc

Hole size: 17-1/4"

Intermediate Casing

Size: 9-5/8" Cemented with 1200 SX

TOC: feet determined by

Hole size: 12-1/4"

Long String

Size: 7" Cemented with 500 SX

TOC: 5261 feet determined by 80% calc.

Hole size: 8-3/4"

Total Depth: 8402'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

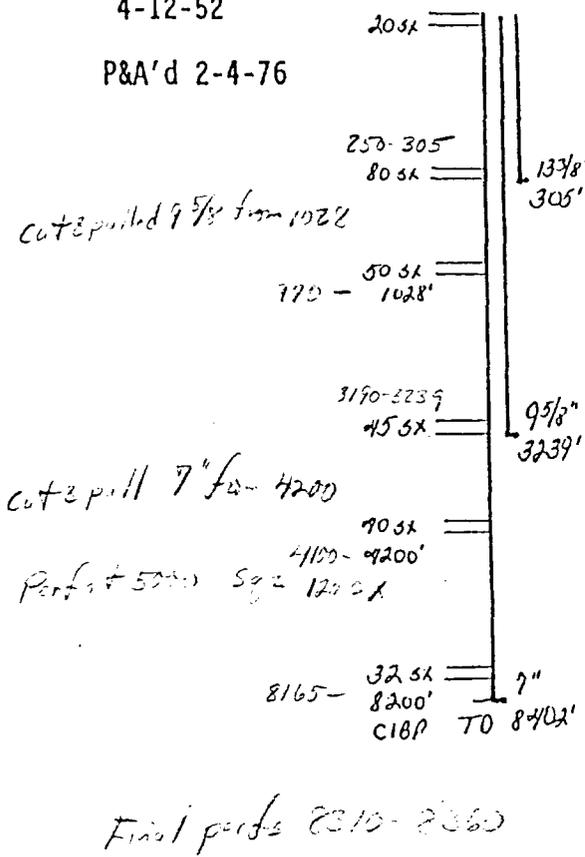
Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Abo
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Drinkard



INJECTION WELL DATA SHEET

14
OK

Getty Oil Co

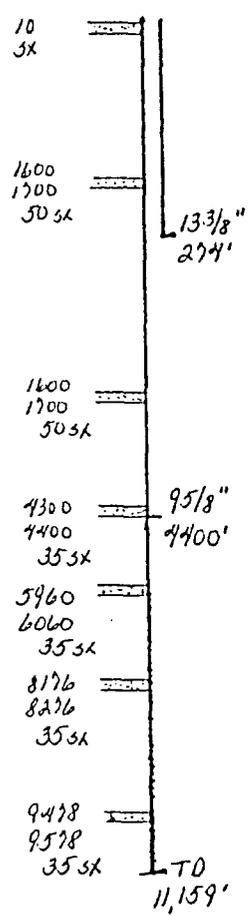
State: O

OPERATOR	LEASE	SEC.	TOWNSHIP	RANGE
1	990' FNL & 660' FEL	31	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
9-16-68

P&A'd
9-16-68



Surface Casing
Size: 13-3/8" Cemented with 200 SX
TOC: Surface feet determined by ^{calc} calc
Hole size: 17-1/2"
Intermediate Casing
Size: Cemented with SX
TOC: feet determined by
Hole size:
Long String
Size: 9-5/8" Cemented with 400 SX
TOC: 3194 feet determined by 80% calc
Hole size: 12-1/4"
Total Depth: 11,159'
Injection Interval
- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) East Lovington (Penn)
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Abo

INJECTION WELL DATA SHEET

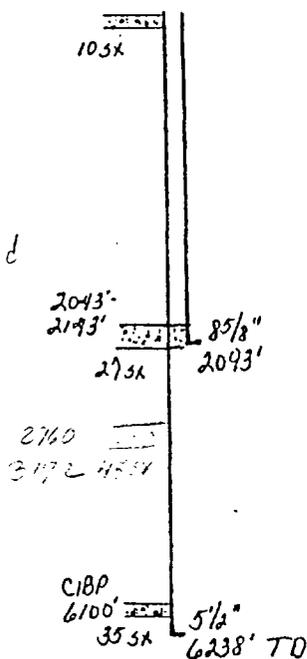
94
P

Texaco (G.H. 0.105)		State "P"		
OPERATOR		LEASE		
5	330' FSL & 330' FWL	32	16S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
1-18-52
P&A'd 7-26-76

5 1/2" casing shifted and
pulled down
3115



Surface Casing

Size: 8-5/8" Cemented with 1000 SX
TOC: Surface feet determined by ^{CIRC} ~~calc~~
Hole size: 11"

Intermediate Casing

Size: Cemented with SX
TOC: feet determined by
Hole size:

Long String

Size: 5-1/2" Cemented with 520 SX
TOC: ³⁴⁸⁵ ~~3405~~ feet determined by ^{Trans} ~~80% calc~~
Hole size: 7-7/8"
Total Depth: 6238'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable) Lovington Paddock
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

(Above) Glorieta

111
OK

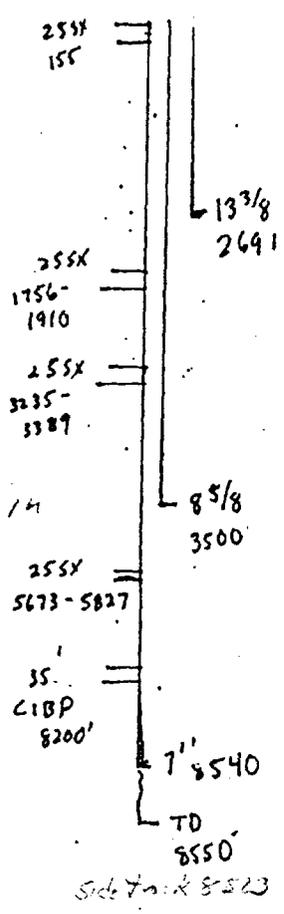
INJECTION WELL DATA SHEET

Amoco	State "E" TR 18			
OPERATOR	LEASE			
15	330' FNL & 2310" FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
12-4-52

P&A'd
7-17-84



Surface Casing
 Size: 13-3/8" Cemented with 275 SX
 TOC: Surface feet determined by circ. calc.
 Hole size: 17-1/2"

Intermediate Casing
 Size: 8-5/8" Cemented with 500 SX
 TOC: 225 feet determined by 50% calc.
 Hole Size: 12-1/4"

Long String
 Size: 5-1/2" Cemented with 450 SX
 TOC: 1855 feet determined by temp survey
 Hole Size: 8-3/4"
 Total Depth: 8550'

Injection Interval
 - feet to - feet
 (perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
 _____ (material)
 _____ packer at _____ feet.
 (brand & model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (If applicable) Lovington Abo
- Is this a new well drilled for injection? No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Drinkard

INJECTION WELL DATA SHEET

Amoco	State "E" TR 18			
OPERATOR	LEASE			
16	330' FNL & 990' FWL	1	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
2-25-53

P&A'd
4-26-84

CIBP set
@ 8103'
Pumped 15 sx
Set retainer
@ 4261'
Pumped 346 sx
Set retainer
@ 1326'
Pumped 900 sx
Spotted 15 sx
cement surface
plug

Surface Casing

Size: 13-3/8" Cemented with 300 SX
TOC: Surface feet determined by calc
Hole size: 17-1/2"

Intermediate Casing

Size: 9-5/8" Cemented with 300 SX
TOC: 1536 feet determined by TS
Hole Size: 12-1/4"

Long String

Size: 7" Cemented with 500 SX
TOC: 4550 feet determined by temp survey
Hole Size: 8-3/4"

Total Depth: 8517' 7534'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)

Moved in service unit 4-15-84, pulled rods, pump, removed tree, and installed blow-out preventer. POH with 2-7/8" tubing, 7" Guiberson tubing anchor, and 2-7/8" tubing. Ran 7" Baker Cast Iron bridge plug and 2-7/8" tubing. Cast iron bridge plug set at 8103'. Displaced hole with 300 bbl brine and recovered apx. 80 bbl oil. Pumped 15 sx class C cement and displaced cement. Reversed out cement and pumped 110 bbl brine gel 8010'-4500'. Pulled tubing and stinger. Ran 4" casing gun and perfed intervals 4498'-99' w/4SPF. POH with wireline and loaded casing with 21 bbl brine. Pressured casing to 2000 psi. Couldn't establish circulation. Ran pipe recovery log and found free pipe at 4356'. Ran 4" casing gun and perfed 4330'-31' w/4 JSPF. Established circulation out 7" X 9-5/8" annulus. Ran Baker 7" cement retainer and 2-7/8" tubing. Retainer set at 4261'. Pumped 346 sx class C cement. D placed and reversed out cement. Apx. 35' cement was on retainer. Pumped 99 bbl gelled brine, pulled tubing and stinger. Ran 4" casing gun and perfed 7" X 9-5/8" casing at 1450'. POH and broke circulation between 7" X 9-5/8" casing and 9-5/8" X 13-3/8" casing. Ran 7" Baker cement retainer, 2-7/8" tubing, and cement retainer was set at 1326'. Pumped 900 sx class C cement. Circulated cement between 7" X 9-5/8" casing and reversed out 12 sx cement. Left 35' cement on top of retainer and displaced with 48 bbl 25# gelled brine. POH and laid down tubing. Spotted 15 sx class C cement surface plug and removed blowout preventer. Moved off service unit 4-23-84 and erected P&A marker.

117
OK

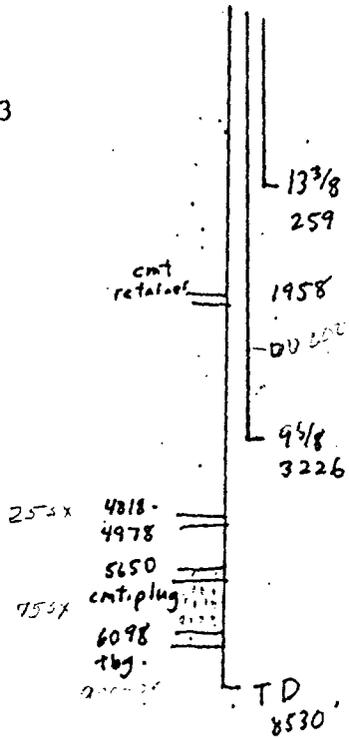
INJECTION WELL DATA SHEET

Amoco	State "E" TR 18		
OPERATOR	LEASE		
18	330' FNL & 330' FEL	2	17S 36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP RANGE

Tubular Data

Completed
6-12-53

P&A'd 11-7-83



Surface Casing

Size: 13-3/8" Cemented with 275 SX

TOC: Surface feet determined by circ. calc.

Hole size: 17-1/2"

Intermediate Casing

Size: 9-5/8" Cemented with 300 SX

TOC: 2246/1600 feet determined by 50% calc TS

Hole Size: 12-1/4"

Long String

Size: 7" Cemented with 550+550 cu ft SX

TOC: 4975-553 feet determined by 80% calc TS

Hole Size: 8-5/8"

Total Depth: 8530'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

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

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

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Moved in service unit 11-1-83. Ran tubing and tagged tubing anchor at 6098' from surface. Circ. and spotted 50 sacks class C cement. Attempted to tag plug, but plug not there. Tagged tubing anchor at 6098' from surface. Circ. and spotted 75 sacks class C cement. Tagged cement plug at 5650' and spotted 87 bbl 10# brine with 25# gel/bbl to 3000'. Spotted 25 sacks class C neat cement 4975'-4818'. Perfed casing 3280'-81' w/4 JSPF. Set a cement retainer at 1950'. Pumped 500 sacks class C neat cement throught 7" & 9-5/8" casing annulus. Perfed casing 1600'-1601' w/4 JSPF. Pumped 20 bbl brine and flowed 10 bbl to pit. Perfed 7" casing 275'-276' w/4 JSPF. Spotted gel brine 1500'-276'. Circulated 170 sacks class C neat cement to surface. Cleaned out cellar and welded on cap. Erected PXA marker. Moved out service unit 11-7-83. Well plugged and abandoned 11-7-83.

INJECTION WELL DATA SHEET

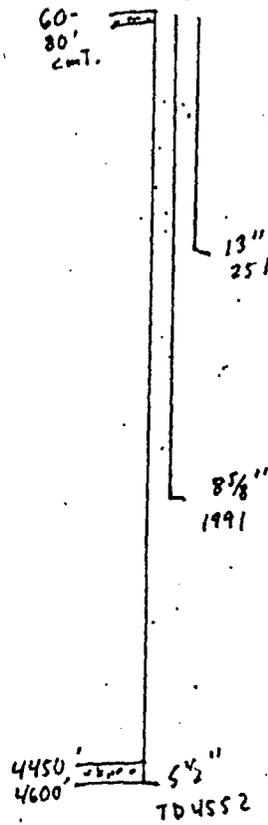
161
OK?

Magnolia Petroleum Company (See following sheet) State "R"

OPERATOR	LEASE			
3	660' FNL & 660' FEL ??	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

P&A'd 4-28-49



Surface Casing

Size: 13 " Cemented with .200 SX

TOC: Surface feet determined by calc

Hole size: _____

Intermediate Casing

Size: 8-5/8 " Cemented with 600 SX

TOC: _____ feet determined by _____

Hole Size: _____

Long String

Size: 5-1/2 " Cemented with 500 SX

TOC: 1828 feet determined by 80% calc

Hole Size: 7-7/8"

Total Depth: 4552'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation _____
- Name of Field or Pool (IF applicable) _____
- Is this a new well drilled for injection? _____ Production
If no, for what purpose was the well originally drilled? _____
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

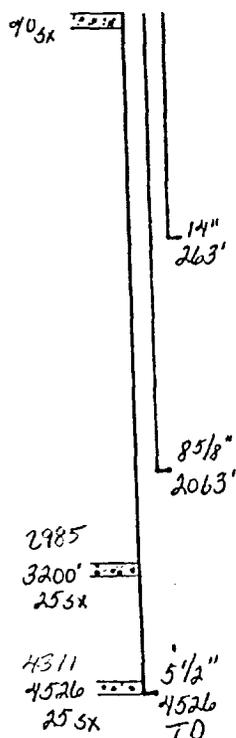
INJECTION WELL DATA SHEET

162
OK?

Magnolia Petroleum Company		State "R"		
OPERATOR		LEASE		
4DD	660' FNL & 660' FEL	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
10-27-44
P&A'd 4-10-47



Surface Casing

Size: 14" Cemented with 200 SX
TOC: Surface feet determined by calc
Hole size:

Intermediate Casing

Size: 8-5/8" Cemented with 350 SX
TOC: 991 feet determined by 50% calc
Hole size:

Long String

Size: 5-1/2" Cemented with 250 SX
TOC: 3164 feet determined by 80% calc
Hole size: 7-7/8"

Total Depth: 4526'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer

at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation:
 - Name of Field or Pool (If applicable)
 - Is this a new well drilled for Injection?
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

126
OK

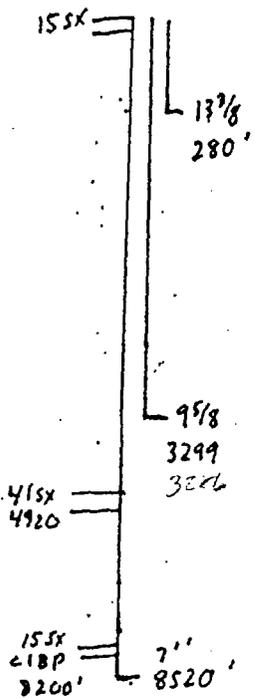
INJECTION WELL DATA SHEET

Penroc		State E TR 18		
OPERATOR		LEASE		
20	1650' FNL & 330' FEL	2	17S	36E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
9-24-53

P&A'd
4-9-84



Surface Casing

Size: 13-3/8 " Cemented with 265 SX

TOC: Surface feet determined by calc

Hole size: 17-1/2"

Intermediate Casing

Size: 9-5/8 " Cemented with 300 SX

TOC: _____ feet determined by _____

Hole Size: 12-1/4"

Long String

Size: 7 " Cemented with 550 SX

TOC: 2138 feet determined by calc

Hole Size: 8-3/4"

Total Depth: 8525'

Injection Interval

_____ feet to _____ feet
(perforated or open-hole, indicate which)

Tubing size _____ lined with _____ set in a
(material)
_____ packer at _____ feet.
(brand & model)
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation No
- Name of Field or Pool (If applicable) Lovington Paddock
- Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Production
- Has the well ever be perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
Above Glorieta

INJECTION WELL DATA SHEET

96
OK

E. F. Moran Inc.

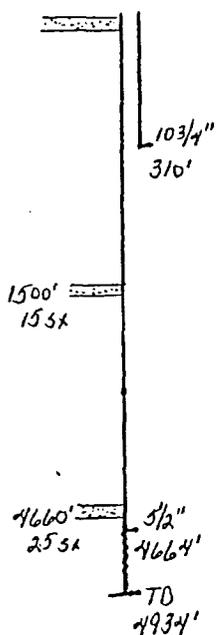
Shipp State "A"

OPERATOR	LEASE	SEC.	TOWNSHIP	RANGE
1	330' FNL & 330' FWL	5	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
3-1-50
P&A'd 8-22-53

5 1/2" pipe
f. 1500'



Surface Casing

Size: 10-3/4" Cemented with 175 SX
TOC: Surface feet determined by ^{calc} calc
Hole size: 13-3/4"

Intermediate Casing

Size: Cemented with SX
TOC: feet determined by
Hole size:

Long String

Size: 5-1/2" Cemented with 400 SX
TOC: 2485 feet determined by 80% calc
Hole size: 7-7/8"

Total Depth: 4934'

Injection Interval

- feet to - feet
(perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
at - feet. (Or describe any other casing-tubing seal).

Other Data

- Name of the injection formation: NA
 - Name of Field or Pool (If applicable) Lovington
 - Is this a new well drilled for Injection? No
If no, for what purpose was the well originally drilled? Production
 - Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).
-
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

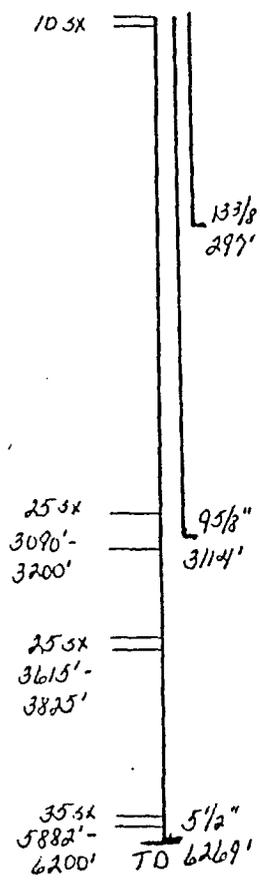
INJECTION WELL DATA SHEET

Sun Oil Company		M. Caylor		
OPERATOR		LEASE		
6	902' FWL & 1980' FNL	6	17S	37E
WELL NO.	FOOTAGE LOCATION	SEC.	TOWNSHIP	RANGE

Tubular Data

Completed
10-15-53

P&A'd 3-9-70



Surface Casing

Size: 13-3/8" Cemented with 300 SX
 TOC: Surface feet determined by calc
 Hole size: 18"

Intermediate Casing

Size: 9-5/8" Cemented with 1200 SX
 TOC: Surface feet determined by calc
 Hole size: 12-1/4"

Long String

Size: 5-1/2" Cemented with 450 SX
 TOC: 3270 feet determined by temp survey
 Hole size: 7-7/8"
 Total Depth: 6269'

Injection Interval

- feet to - feet
 (perforated or open-hole, indicate which)

Tubing size - lined with - set in a - packer
 at - feet. (Or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation:
2. Name of Field or Pool (If applicable) Lovington Paddock
3. Is this a new well drilled for Injection? No
 If no, for what purpose was the well originally drilled? Production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging details (sacks of cement or bridge plug(s) used).

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.
 (Above) Glorieta