

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name		County	Date
		Lea	January 30, 1962
Operator		Lease	Well No.
Gulf Oil Corporation		L. H. Higgins	2
Location of Well	Unit	Section	Township
	I	29	27-S
			Range
			30-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES NO
2. If answer is yes, identify one such instance: Order No. B-2054; Operator, Lease, and Well No.:

Sumco, Inc., A. H. Blinsky (NCT-1) # 14

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	South Paddek	Drinkard
b. Top and Bottom of Pay Section (Perforations)	5266 - 5274'	7082 - 7105
c. Type of production (Oil or Gas)	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Pumping

4. The following are attached. (Please mark YES or NO)
- a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
- Sumco Inc., Box 458, Hobbs, New Mexico**
- Pan American Petroleum Corporation, Box 68, Hobbs, New Mexico**
- Western Oil Fields, Inc., Box 1147, Hobbs, New Mexico**
- Maron Oil Producing and Drilling Corporation, Box 1718, Hobbs, New Mexico**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES NO . If answer is yes, give date of such notification January 30, 1962.

CERTIFICATE: I, the undersigned, state that I am the Area Production Manager of the Gulf Oil Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

ORIGINAL SIGNED
-BY-
J. M. RUSSELL

Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

L. N. HIGGINS NO. 2
ISOLATE BLINEBRY OIL & DUAL COMPLETE IN DRINKARD AND SOUTH PADDOCK OIL ZONES
Present Subsurface Tubing Arrangement

DF Elev = 3394' Tbg "H" = 10.60'

9-5/8" OD csg @ 1362'. Cmt Circ.

2-3/8" OD EUE 4.7# J-55 tbg set @ 5650'
 Baker Model "J" latching sub on
 bottom. Tbg has N-80 cplgs turned down
 to 2.910" O. D.

2-3/8" OD EUE 4.7# J-55 Tbg set @
 7136' (bull-plugged on bottom)

SN @ 5649'

Blinebry perfs, 4, 1/2" JHPF @ 5615-17',
 5631-33', 5640-42' and 5653-55'

Baker parallel string anchor @ 5650'

Baker receptacle seal assy @ 5746'

Baker Model "DA" pkr @ 5750'

Drinkard perfs, 4, 1/2" JHPF, 7022-24',
 7032-34', 7042-44', 7072-74', 7090-92',
 7102-04', 7139-41', and 7183-85'

SN @ 7120'

GOT Type "BC" circ valve @ 7125'

7" OD 23# J-55 csg @ 7200' (top 152'
 is 7-5/8" OD 26.40# J-55). Cmtd w/1055
 sx. TS cmt top @ 1420'

TD 7200'
 PBTD 7195'

PACK OFF BLINEBRY OIL & DUAL COMPLETE DRINKARD OIL W/SO. PADDOCK OIL

L. N. HIGGINS NO. 2

Location: 1980' FSL & 330' FEL Section 29-22S-38E, Lea County, New Mexico

Completed: 1-12-61

IP: "p" 82 bopd, 8 bwpd, GOR 1232 (Blinebry Oil)

"p" 70 bopd, 5 bwpd, GOR 3114 (Drinkard Oil)

Present Status: Blinebry "p" 6 bopd, 1 bwpd, GOR 1000.

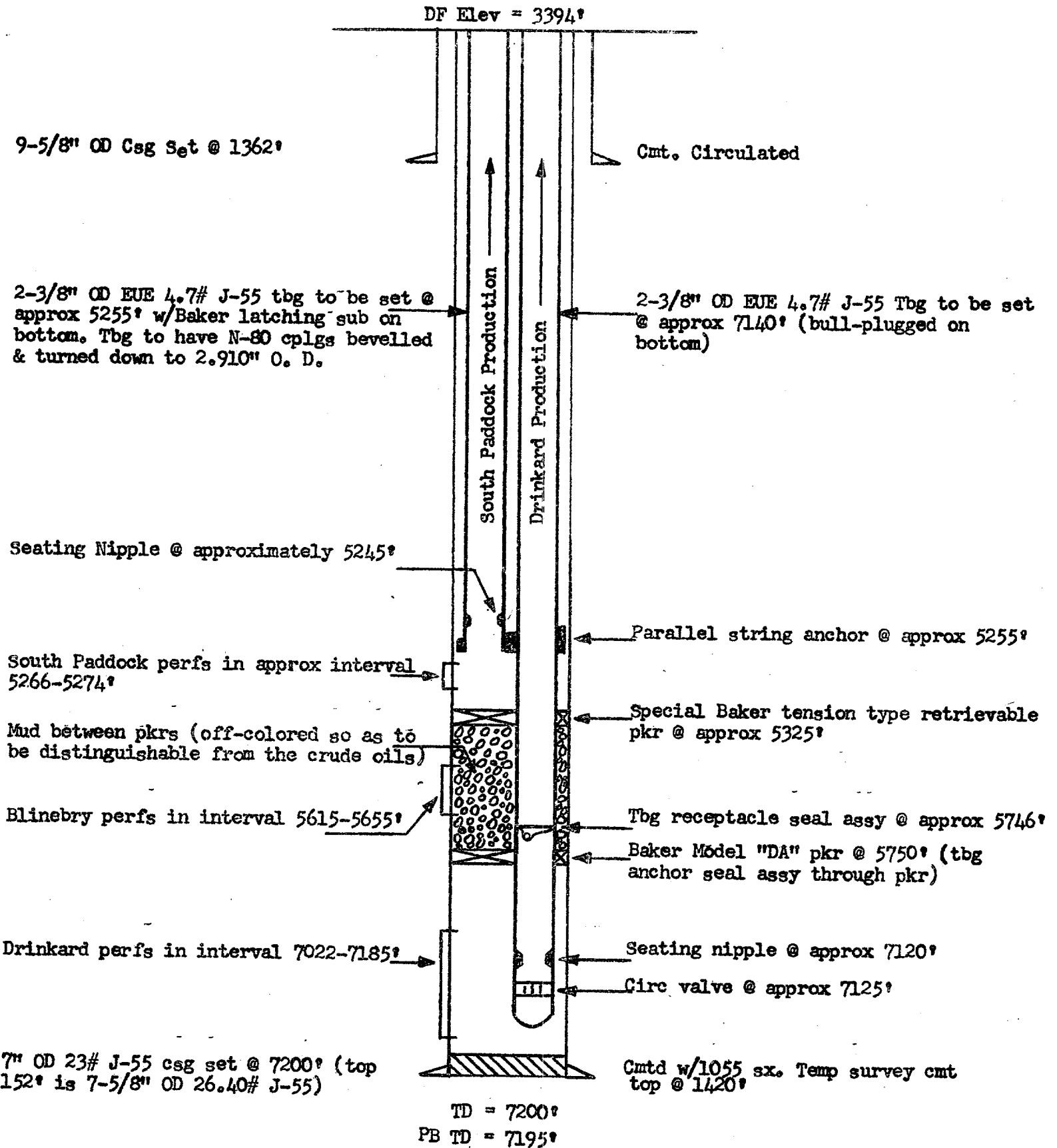
Drinkard "p" 8 bopd, 1 bwpd, GOR 3000.

RECOMMENDED PROCEDURE

1. Pull rods & pump from both zones, close CV below pkr, load hole w/no-bloc mud, and pull short string.
2. Release long string from Baker receptacle and pull remainder of long string.
3. Perforate South Paddock zone w/2, 1/2" JHPF in interval 5266-5274' as directed by Geologist (use junk basket). Ram Guns will perforate.
4. Run tbg w/Baker straddle tools and treat perms 5266-5274' w/500 gals mud acid. Knox will treat. Swab and test only long enough to establish production then kill well and pull tubing and straddle tools.
5. Run long string w/Baker receptacle seal nipple, special Baker tension type retrievable packer and Baker parallel string anchor. Space out packer to set at approximately 5325' and anchor to set at approximately 5255'. Spot no-bloc mud between the two packers (across Blinebry perms) then engage Baker receptacle and set upper packer w/15,000# tension.
6. Run short string w/latching sub and SN & land tubing w/8,000# tension.
7. Open CV below Baker Model "DA" pkr then run one or both rod string and pumps as needed.
8. Recover no-bloc mud, test both zones, run packer leakage test, then place both zones on production.

CRK:ptg
1-26-62

SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION
L. N. HIGGINS NO. 2
SOUTH PADDOCK OIL - DRINKARD OIL

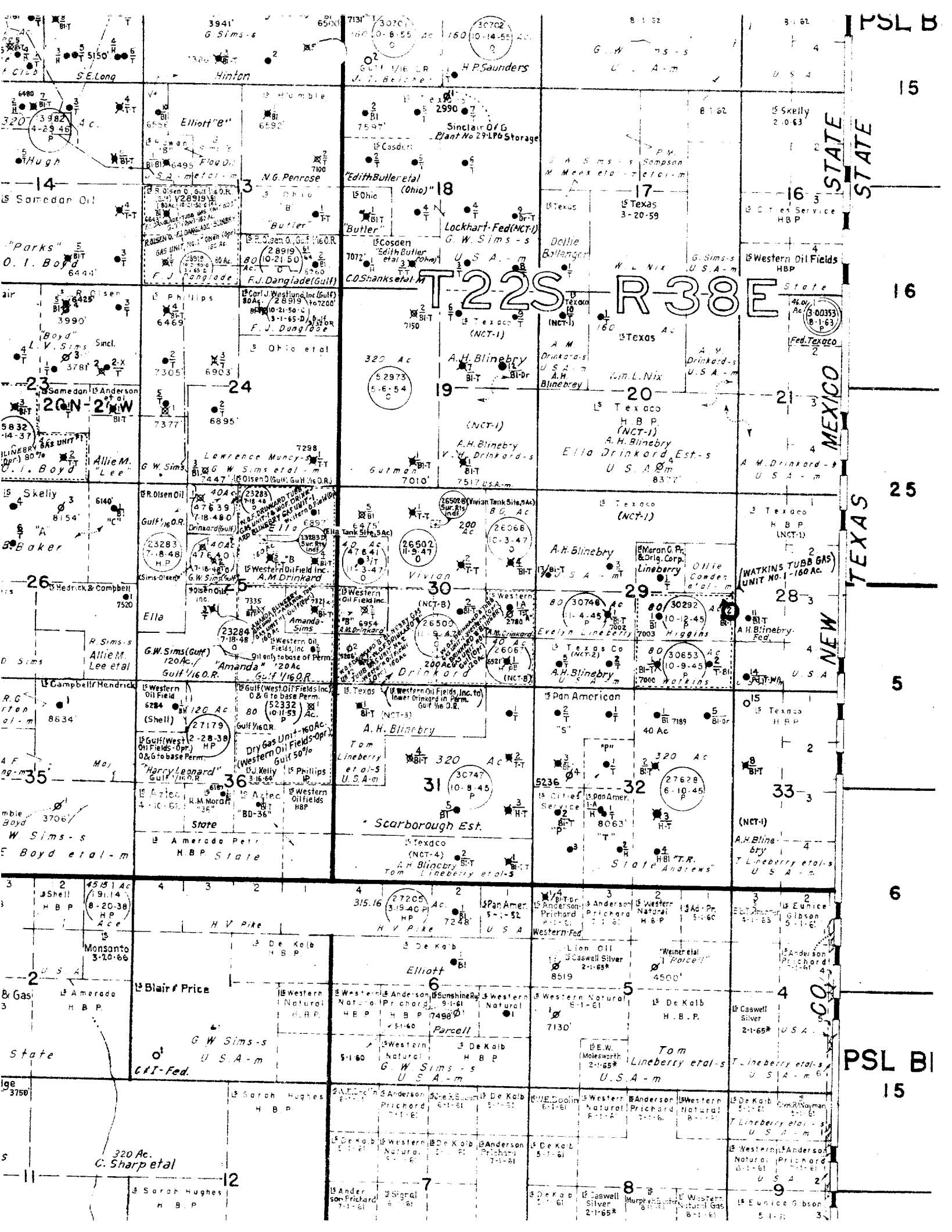


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