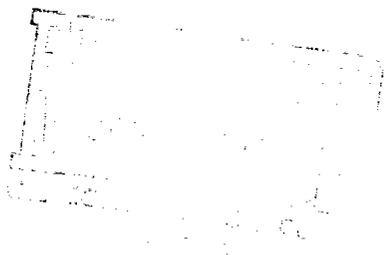


DEPCO, Inc.

Exploration & Production

WMA - 3 8.5 -
New Feb 6
800 Central
ODESSA, TEXAS 79760

January 16, 1973



New Mexico Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Subject: Administrative Approval to
Inject Water into Artesia
Unit Well No. 10
Field: Artesia
County and State: Eddy, New Mexico

Gentlemen:

DEPCO, Inc. requests administrative approval to inject water into their Artesia Unit Well No. 10 located 360' FNL and 1952' FWL (Unit C), Section 35, T.17S., R.28E., Eddy County, New Mexico. Well No. 10 is presently a unit producing well.

The Artesia Unit Waterflood was initially approved as the Highway Waterflood operated by International Oil and Gas Corporation by Order No. R-2876 dated March 5, 1965, by injection of water into two wells located in Sections 25 and 36, Township 17 South, Range 28 East. This waterflood was expanded and renamed the Artesia Unit, by Order No. R-3311 dated September 6, 1967, and operated by DEPCO, Inc. as successor to International Oil and Gas Corporation.

Administrative Approval to Inject Water

Into Artesia Unit Well No. 10

Page 2

January 16, 1973

Attached as set forth in Rule 701-B are the following exhibits:

1. Exhibit 1 -- "A plat showing the location of the proposed injection wells and the location of all other wells within a radius of two miles....."
2. Exhibit 2 -- Log is attached for Artesia Unit Well No. 10.
3. Exhibit 3 -- Diagrammatic Sketch for this proposed injector.
4. Exhibit 4 -- Form C-116 showing response at the proposed injector or at an offset well.

Injection will be into one interval at the base of the Grayburg formation which is locally named the Premier Sand at a depth from 2167 to 2173 feet. Approximately 500 BWPD will be injected into this proposed injector. Water for this project is purchased from Double Eagle Corporation.

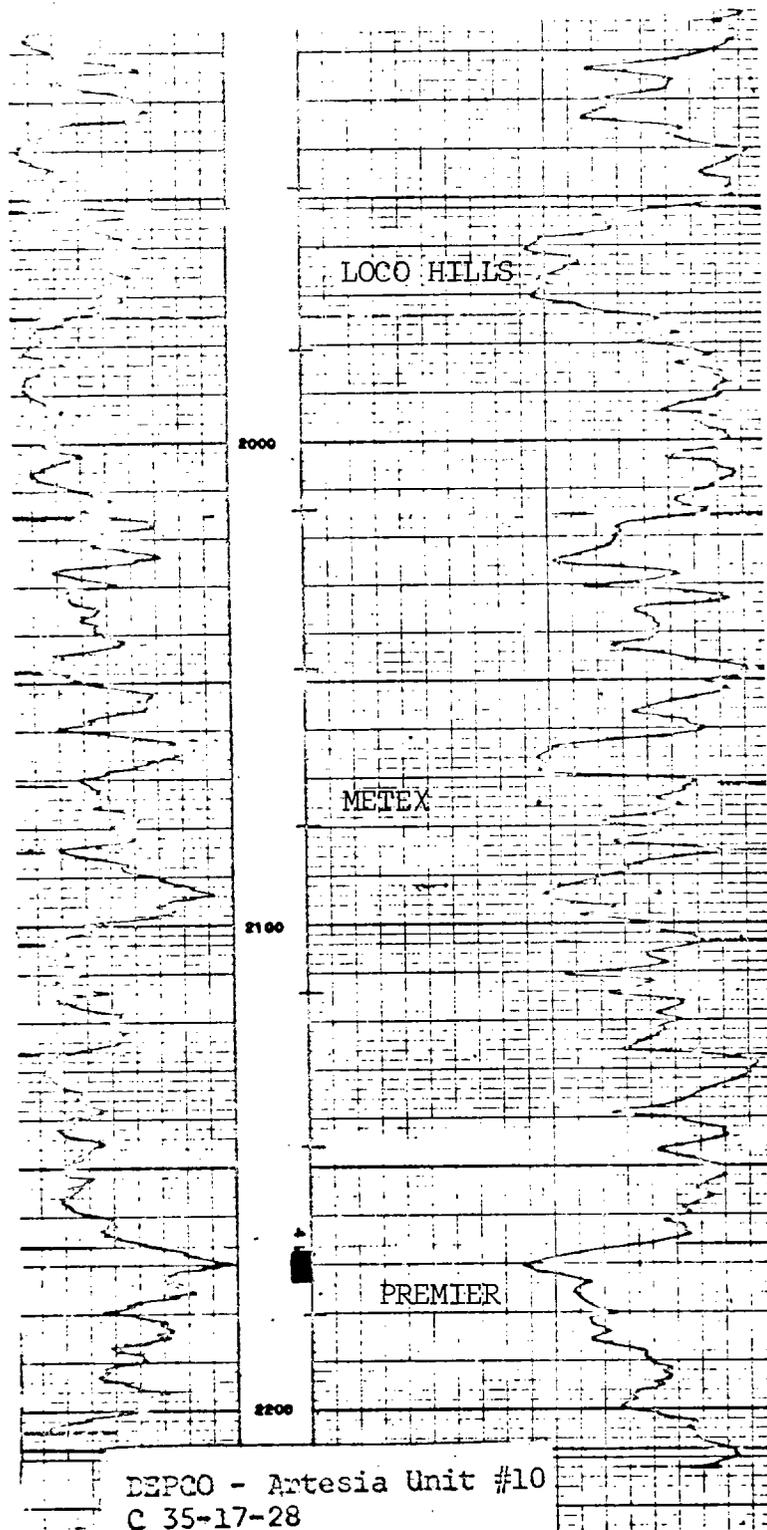
Very truly yours,


Welton C. Smith
District Engineer

WCS: vp

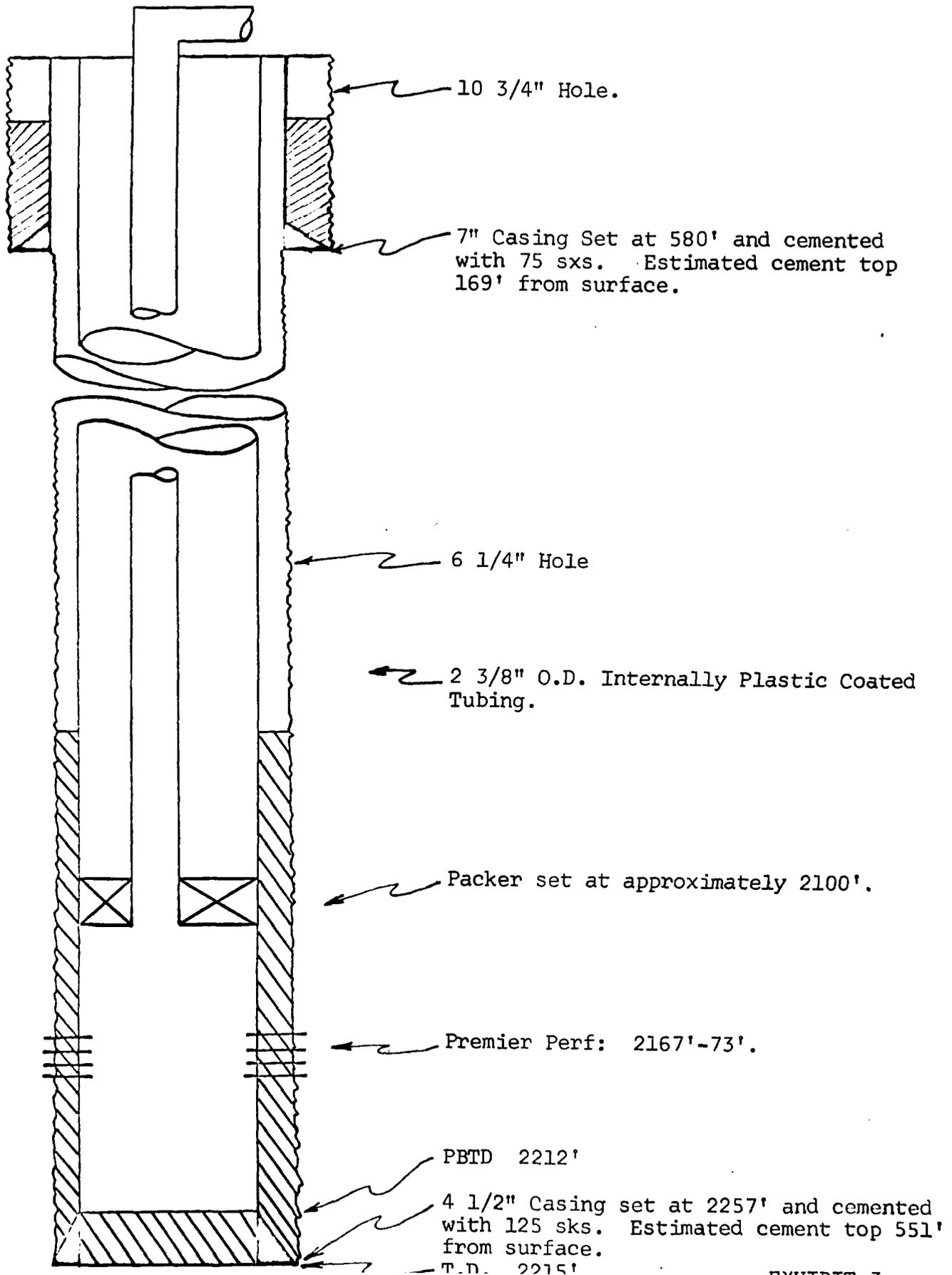
Attachments

cc: NMOCC - Artesia
Shenandoah Oil Corporation (without attachments)
Penroc Oil Company (without attachments)



PROPOSED WELL CONDITIONS
ARTESIA UNIT WELL NO. 10

Elevation 3691 KB



NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator DEPCO, Inc. Pool Artesia County Eddy

Address 800 Central, Odessa, Texas 79761 TYPE OF TEST - (X) Scheduled Special

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST	CHOKESIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS M.C.F.	GAS - OIL RATIO CU.FT./BB
		U	S	T	R							WATER BBL.S.	OIL BBL.S.		
<u>Artesia Unit</u>	Offset to Well No. 10	3	N	26	17	28	F	---	---	24	0	35-37	3	2.5	828
						June, 1968	F	---	---	24	224	35-37	34	1.9	56
						May, 1970	F	---	---	24	9	35-37	4	.2	41
						Oct., 1972	F	---	---	24	9	35-37	0	0	0
						May, 1968	F	---	---	24	127	35-37	35	.4	12
				Jan., 1969	F	---	---	24	1	35-37	5	.2	32		
				Oct., 1972	F	---	---	24	6	35-37	1	.1	118		
				Dec., 1968	F	---	---	24	84	35-37	11	.5	42		
				Oct., 1972	F	---	---	24	0	35-37	1	---	TSTM		
				Dec., 1968	F	---	---	24	1	35-37	26	3.9	149		
				Jul., 1970	F	---	---	24	14	35-37	6	.3	44		
				Oct., 1972	F	---	---	24							

No well will be assigned an allowable greater than the amount of oil produced on the official test.
 During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.
 Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
 Report casing pressure in lieu of tubing pressure for any well producing through casing.
 Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

W. C. Smit
 (Signature)
 District Engineer
 January 16, 1973
 (Date)

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE