

CASE

APPLICATION OF MARK CLARK
FOR AN UNORTHODOX OIL WELL
LOCATION, CHAVES COUNTY, NEW
MEXICO.

M.S.

Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location 920 feet from the South line and 1310 feet from the East line (Unit P) of Section 13, Township 11 South, Range 27 East, to test the Chisum-Devonian Pool, the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of said Section 13 to be dedicated to said well forming a standard 40-acre oil spacing and production unit for said pool. Said unit is located approximately 4.5 miles south of U.S. Highway 380 at mile marker No. 175,

August 6, 1986

CASE 8958: Application of Amoco Production Company for Hardship Gas Well Classification, Lea County, New Mexico. Applicant, in the above-styled cause, seeks a determination that its State FQ Gas Com Well No. 1 located 660 feet from the South line and 1980 feet from the West line (Unit N) of Section 26, Township 23 South, Range 34 East, Antelope Ridge-Morrow Gas Pool, is a hardship gas well which should be granted priority access to pipeline takes in order to avoid waste.

	Applicant	Opposition:
Attorney		
Witness(es) 1		
2		
3		

* Continued To Sept. 17, 1986

Order Issued By DRC

Continued To September 17, 1986

Dismissed @ the 9/17/86 Hearing

Order Finalized 9/19/86

A. I. H. R-8308 Case No. 8958

This life is a test.

It is only a test.

Set for the 1/23/92
Hearing

Mark Clarke

920'ESL - 1310'FEL

13-115-27E

S $\frac{1}{2}$ SE $\frac{1}{4}$

(SE $\frac{1}{4}$ SE $\frac{1}{4}$)

Chaves, County

Chisum Denonion

4740 PAN AMERICAN FREEWAY
ALBUQUERQUE, NEW MEXICO 87109
TELEPHONE (505) 884 1737

academy
PRINTERS

If this had been a real life
you would have received
further instructions
as to where to go
and what to do.

IMPORTANT MESSAGE

FOR Mike
DATE 12/26/91 TIME 9:16 A.M.
M. Mark Clarke

OF _____

PHONE 392-5516
AREA CODE NUMBER EXTENSION

TELEPHONED		PLEASE CALL	
CAME TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		RUSH	
RETURNED YOUR CALL		SPECIAL ATTENTION	

MESSAGE Baker

SIGNED _____
UTHO IN U.S.A.

NOTES

Chambers



*

80 acres to

3/2 SE 3/4

920' FSL - 1310' FEL

Chambers

Data prepared by: Symposium Committee
 Affiliation: Roswell Geological Society
 Date: 10-29-56

Field Name: Chisum (Devonian)
 Location: Sec. 13, T. 11 S., R. 27 E., & W $\frac{1}{2}$ Sec.
 County & State: 18, T. 11S., R. 28E.
 Chaves, New Mexico

DISCOVERY WELL: Honolulu Oil Corp. #1-J State

COMPLETION DATE: 4-8-50

PAY ZONE: Devonian dolomite is a fine to coarse crystalline, white to tan reservoir rock with porosity development usually occurring from 0 to 10 feet below the Woodford-Devonian contact. Small vugs to cavernous type of porosity with secondary development of large dolomite crystals lining the vugs and associated with limited fractures make up the commercial void of the dolomite pay. The discovery well potentialed for 170 BOPD flowing, 11/32 inch ck, GOR 80, from open hole 6,490-6,563 feet.

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD:

Perm. in millidarcys		% Porosity	Liquid Saturation (% of pore space)	
Horizontal	Vertical		Water	Oil
150 est.	150 est.	4 - 12 est.	25 est.	12 est.

OTHER SHOWS ENCOUNTERED IN THIS FIELD: San Andres 2,025-2,058 feet.

TRAP TYPE: Anticline

NATURE OF OIL: Paraffinic Gravity 40° @ 60° F.

NATURE OF GAS:

NATURE OF PRODUCING ZONE WATER:

Resistivity:

ohm-meters @

°F.

	Total Solids	Na/K	Ca	Mg	Fe	SO ₄	Cl	CO ₂	HCO ₃	OH	H ₂ S
ppm		18,822					29,047				

INITIAL FIELD PRESSURE:

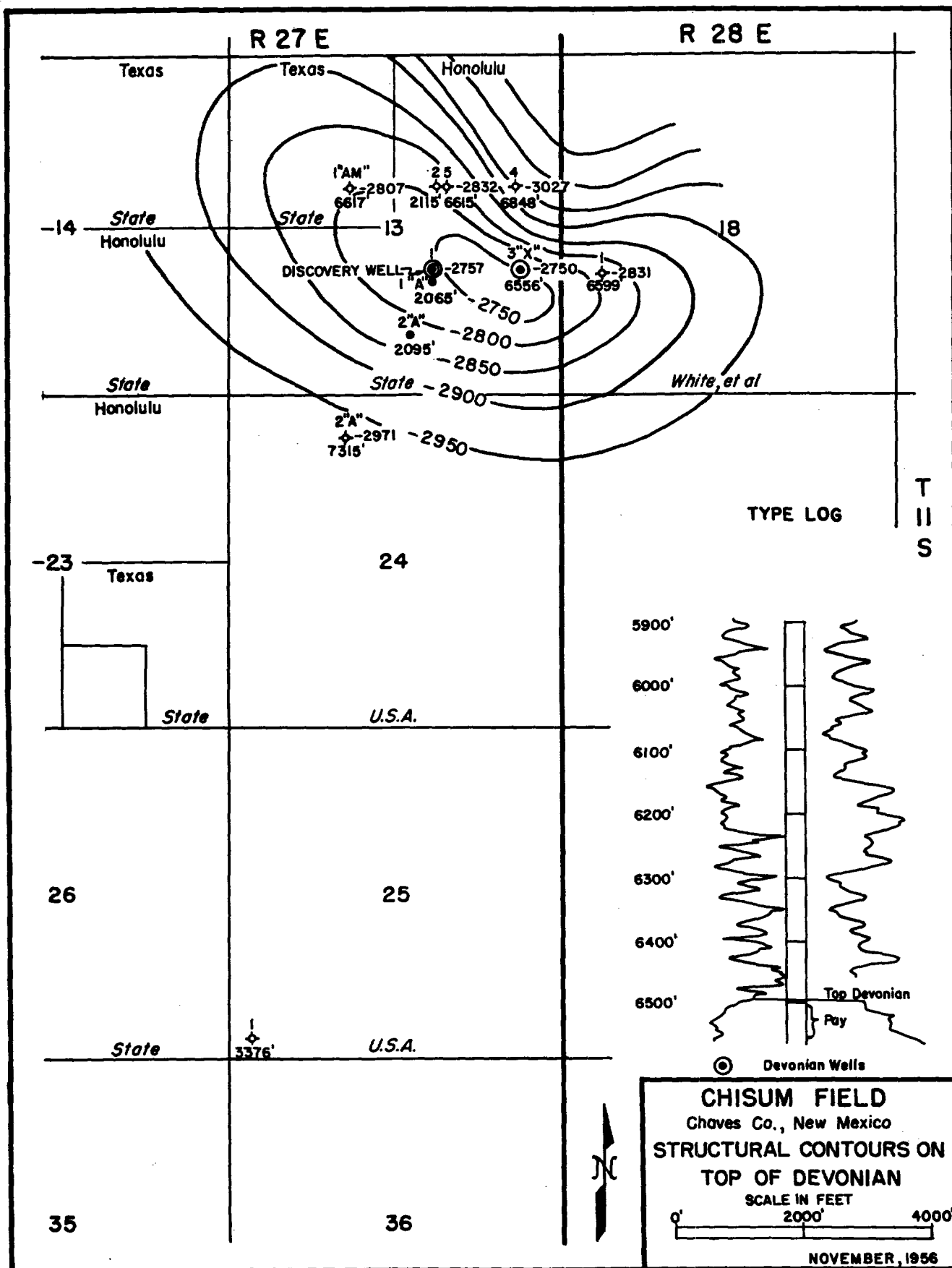
TYPE OF DRIVE: Water drive.

NORMAL COMPLETION PRACTICES: Set production string on top of pay and acidize open hole.

PRODUCTION DATA:

No. of wells @ yr. end				Production		No. of wells @ yr. end				Production	
Year	Type	Prod.	Shut in or Abnd.	Oil in barrels Gas in MMCF		Year	Type	Prod.	Shut in or Abnd.	Oil in barrels Gas in MMCF	
				Annual	Cumulative					Annual	Cumulative
	oil						oil				
1941	gas					1949	gas				
	oil						oil	2	0	42,068	42,068
1942	gas					1950	gas				
	oil						oil	2	0	67,133	109,201
1943	gas					1951	gas				
	oil						oil	2	0	59,939	169,140
1944	gas					1952	gas				
	oil						oil	2	0	48,988	218,128
1945	gas					1953	gas				
	oil						oil	2	0	32,877	251,005
1946	gas					1954	gas				
	oil						oil	2	0	30,853	281,858
1947	gas					1955	gas				
	oil						oil				
1948	gas					1956*	gas				

* 1956 Figure is production to 5-1-56.



COUNTY Chaves POOL Chisum (Dev.)

TOWNSHIP 11-South			RANGE 27-East			NMPM		
6	5	4	3	2	1			
7	8	9	10	11	12			
18	17	16	15	14	13			
19	20	21	22	23	24			
30	29	28	27	26	25			
31	32	33	34	35	36			

Description: All Sec. 13.

COUNTY Chaves POOL Chisum (Dev.)

TOWNSHIP 11-South			RANGE 28-East			NMPM		
6	5	4	3	2	1			
7	8	9	10	11	12			
18	17	16	15	14	13			
19	20	21	22	23	24			
30	29	28	27	26	25			
31	32	33	34	35	36			

Description: 1/4 Sec. 14.

[illegible]