

SUBSURFACE SURVEY

DATE APRIL 10, 1953

COMPANY..... UNION OIL COMPANY OF CALIFORNIA

WELL..... STATE GROSS NO. 2

FIELD..... EAST CAPROCK FIELD

LOCATION.....

COUNTY..... CHAVES

STATE..... NEW MEXICO

MAGNETIC DECLINATION..... 12° EAST



HOUSTON OIL FIELD MATERIAL COMPANY, INC.

SUBSURFACE SURVEY

COMPANY: UNION OIL COMPANY OF CALIFORNIA
WELL NO: STATE CROSS NO. 2

EAST CAPROCK FIELD
CHAVES COUNTY, NEW MEXICO

DATE: 4-10-53
PAGE: 1 OF 3

DISC NO.	MEASURED DEPTH	COURSE LENGTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DIRECTION OF DEVIATION	TOTAL COORDINATES		
							NORTH	SOUTH	EAST WEST
	3663'			3663.00'	Assumed Vertical	Vertical			
	3843	180'	0 30	3843.00	1.57'	N 68 W	.59'		1.47'
	4024	181	0 45	4023.98	2.37	N 72 W	1.32		3.72
	4204	180	0 45	4023.96	2.36	N 88 W	1.40		6.08
	4386	182	0 45	4385.94	2.38	N 38 W	3.28		7.55
	4566	180	1 00	4565.91	3.15	S 08 E	.16		7.11
	4746	180	1 00	4745.88	3.15	S 12 E		2.91	6.46
	4924	178	1 00	4923.85	3.11	S 08 E		5.99	6.03
	5106	182	1 00	5105.82	3.18	S 30 E		8.74	4.44
	5286	180	0 45	5285.80	2.36	S 48 E		10.32	2.69
	5468	182	0 45	5467.78	2.38	S 23 E		12.51	1.76
	5647	179	0 30	5646.78	1.56	S 27 W		13.90	2.47
	5827	180	Vert.	5826.78	-	-		13.90	2.47
	6009	182	0 15	6008.78	.80	S 58 E		14.32	1.79
	6189	180	0 30	6188.78	1.58	N 70 E		13.78	.30
	6369	180	0 45	6368.76	2.36	S 39 E		15.61	
	6551	182	Vert.	6550.76	-	-		15.61	
	6731	180	0 30	6730.76	1.57	S 42 W		16.78	
	6912	181	1 00	6911.73	3.16	S 55 W		18.59	2.46
	7092	180	Vert.	7091.73	-	-		18.59	2.46
	7274	182	1 00	7273.70	3.18	S 47 E		20.76	.13
	7454	180	Vert.	7453.70	-	-		20.76	.13
	7634	180	0 45	7633.68	2.36	S 72 W		21.49	2.37
	7814	180	0 45	7813.66	2.36	- W -		21.49	4.73
	7994	180	0 30	7993.66	1.57	N 54 W		20.56	6.01
	8175	181	0 45	8174.64	2.37	S 80 W		20.97	8.34

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SUBSURFACE SURVEY

EAST CAPROCK FIELD

DATE: 4-10-53

CHAVES COUNTY, NEW MEXICO

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DISC NO.	MEASURED DEPTH	COURSE LENGTH	DRIFT ANGLE	TRUE VERTICAL DEPTH	COURSE DEVIATION	DIRECTION OF DEVIATION	TOTAL COORDINATES			
							NORTH	SOUTH	EAST	WEST
	Continued from page no. 2									
	11143	89	4 45	11139.96	7.37	N 55 E	30.55		89.80	
	11234	91	5 00	11230.31	7.93	N 45 E	36.16		95.41	
	11248	14	4 30	11244.27	1.10	N 53 E	36.82		96.29	
	CLOSURE:	Direction: North Distance: 102.97 feet		69° 03' East						
	HOMCO OBSERVER:		N.R. (JACK) VAUGHT							
	April 10, 1953: -		Conducted sub surface directional survey from 3663 feet to 11,248 feet inside 6-1/8" X 18' K-Monel collar on 3-1/2 I.F. drill pipe using H-K- go-devil surveying instrument.							