

SPERRY-SUN



RECEIVED

MAY 2 1975

O. C. C.
ARTESIA OFFICE

J. A. Fouché
President

P.O. Box 2133
Odessa, Texas
Dec. 23, 1974

Cities Service Oil Co.
P.O. Box 1919
Midland, Texas 79701

Gentlemen:

The enclosed film and five folders show the results of our Gyroscopic Multishot Survey, Job No. SU3-6039 on the Tracy "B" Lease, Well No. 1, Wildcat Field, Eddy County, New Mexico on December 20, 1974. This survey was run from the surface to a depth of 1,835 feet.

One of these folders contains the original of the computation sheets and field data sheets.

It has been a pleasure to perform this survey for you.

Very truly yours,

SPERRY SUN

Glenn A. Pelote
District Manager

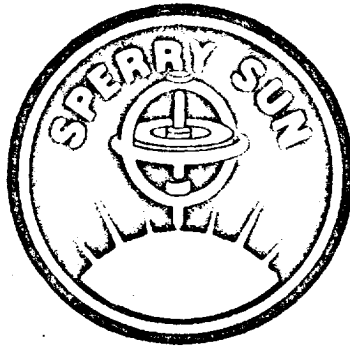
GB/jm
Enclosures

SPERRY-SUN

DIRECTIONAL SURVEY REPORT

FOR

CITIES SERVICE OIL CO.



TYPE OF SURVEY: GYROSCOPIC MULTISHOT

SURVEY DEPTH: FROM -0- FT. TO 1,835 FT.

LEASE: TRACY "B" WELL NO. 1

FIELD: WILDCAT

COUNTY/PARISH: EDDY STATE NEW MEXICO

DATE OF SURVEY: DEC. 20, 1974 JOB NO. SU3-6039

OFFICE: ODESSA, TEXAS 563-1106

IES SERVICE OIL CO.
CY-B- NC.1
304T
Y COUNTY-NEW MEXICO
OSCOPIC MULTISHOT

DATE OF SURVEY DECEMBER 20 1974
VERTICAL SECTION DIRECTION CLOSURE

SU3-6039

SPERRY-SUN

RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUE SEA TVD	COURSE INCLINATION DEG MIN	COURSE DIRECTION DEG	DOG-LEG SEV DEG/100	RECTANGULAR COORDINATES		TOTAL NORTH/SOUTH EAST/WEST	VERTICAL SECTION
						ORIGIN AT SURFACE			
0	.00	.00	0 15	N 69 E	.25	.00 N	.00 E	.00 E	.00
100	100.00	100.00	0 15	N 71 E	.01	.16 N	.41 E	.41 E	.43
200	200.00	200.00	0 15	N 62 E	.17	.30 N	.82 E	.82 E	.87
300	300.00	300.00	0 25	N 59 E	.02	.64 N	1.46 E	1.46 E	1.58
400	399.99	399.99	0 25	N 87 E	.50	1.09 N	2.09 E	2.09 E	2.27
500	499.96	499.96	0 50	N 72 E	.22	1.54 N	3.54 E	3.54 E	3.70
600	599.97	599.97	0 50	N 78 E	.19	1.90 N	4.92 E	4.92 E	5.15
700	699.96	699.96	1 0	N 76 E	.03	2.32 N	6.63 E	6.63 E	6.89
800	799.94	799.94	1 0	N 74 E	.34	2.97 N	8.32 E	8.32 E	8.64
900	899.91	899.91	1 20	N 79 E	.20	3.35 N	10.56 E	10.56 E	10.97
1000	999.89	999.89	1 10	N 77 E	.17	3.88 N	12.56 E	12.56 E	13.00
1100	1099.87	1099.87	1 20	N 73 E	.12	4.52 N	14.82 E	14.82 E	15.32
1200	1199.84	1199.84	1 15	N 71 E	.04	5.23 N	16.91 E	16.91 E	17.50
1300	1299.82	1299.82	1 15	N 73 E	.09	5.91 N	18.97 E	18.97 E	19.68
1400	1399.79	1399.79	1 20	N 73 E	.43	6.59 N	21.20 E	21.20 E	22.00
1500	1499.76	1499.76	1 20	N 80 E	.15	6.99 N	23.42 E	23.42 E	24.33
1600	1599.74	1599.74	1 20	N 76 E	.09	7.55 N	25.71 E	25.71 E	26.65
1700	1699.71	1699.71	1 20	N 80 E	.13	7.93 N	27.97 E	27.97 E	28.97
1800	1799.68	1799.68	1 25	N 75 E	.43	8.22 N	30.41 E	30.41 E	31.44
1835	1834.67	1834.67	1 30	N 75 E	.43	8.22 N	31.29 E	31.29 E	32.35
22.5 fathoms 1834.70 - 1834.80									27.10

245 Radius 1834.70 - 1292.30

of Curve

** THE CALCULATIONS ARE BASED ON THE TANGENTIAL OR TERMINAL ANGLE METHOD **

HORIZONTAL DISPLACEMENT = 32.35 FEET AT NORTH 75 DEG. 17 MIN. EAST (TRUE)