

COUNTY LFA FIELD Fowler-Blinebry STATE NM OWWO
 OPR HUMBLE OIL & REFIN. CO. MAP
 2 New Mexico State 10310'
 Sec. 16, T-24-S, R-27-E
 1400' fr N Line & 510' fr E Line of Sec.
 CLASS *and P* EL *[redacted]*

Re-Cmp 12-21-65 CSG & SX - TUBING	CLASS			
	FORMATION	DATUM	FORMATION	DATUM
13 3/8" 294'				
9 5/8" 445'				
4 1/2" 10310'				
LOGS EL OF A IND HC A				

TP Elinebry Perfs 5383'-5694' Flwd 93 MCFD + 77 BW. Pot. Based
 on 24 hr test thru 200' A' ank., TP 85%, Gas Volume 139 MCF/GPD.

Distribution limited and publication prohibited by subscribers' agreement.
 Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

CONT. PROP DEPTH TYPE WO
 DATE

1-10-66
 P.E.O. 1-10-66; OWWO
 (Orig. comp 9-17-64 thru Ellenburger perfs
 10285'-239', OPD 10310', OPB 10309')
 Elev. 3284' BF, Orig.
 OPD 10310', PRD 5695', COMPLETED.
 PF to 5695'
 Perf (Blinebry) @ 5383', 5386', 5388',
 5408', 5418', 5434', 5523', 5532', 5553',
 5554', 5566', 5584', 5609', 5641', 5649',
 5661', 5674', 5694' w/1 SPI
 Ac (5383-5694') 500 gals.
 Swbd load
 Ac (5383-5694') 5000 gals.
 Frac (5383-5694') 20,000 gals oil +
 20,000# sd.

COUNTY DEA FIELD Fowler-Ellenburger STATE N.M.
 OPR HUMBLE OIL & REFG. COMPANY MAP
2 New Mexico State "AB"
Sec. 16, T-24-S, R-37-E CO-ORD
1400' Fr N Line & 510' Fr E Line of Sec.

1400' Fr N Line & 510' Fr E Line				CLASS		EL 32848	
Spud 7-8-64				FORMATION	DATUM	FORMATION	DATUM
Comp 9-17-64							
LOG: CSG & SX - TUBING				Yates 2483			
13 3/8" 294' 375				Glor 4907			
9 5/8" 4154' 800				Clfk 5404			
4 1/2" 10310' 400				Tubb 5924			
				Dev 7386			
				Fuss 8608			
				Simp 9249			
LOGS EL GR RA IND HC A				TD 10310', PBD 10309'			

IP Ellenburger perfs 10285-289' Swbd 160 BOPD + 100 BW. Pot.
 Based on 15 hr test of 100 BO + 63 BW.

Distribution limited and publication prohibited by subscribers' agreement.
 Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

CONT. PROP DEPTH 10,600' TYPE
 DATE

F.R. 7-2-64
 PD 10,600' - Ellenburger
 7-13-64 TD 2623', fshg.
 TD 4454', prep to run casing.
 Drlg. 5586'.
 DST (Paddock) 4900-5000', open 45 mins,
 GTS 40 mins @ TSTM,
 Rec 792' SGC Sul. Wtr,
 1 hr ISIP 1922#, FP 106-304#,
 1 hr 30 min FSIP 1922#.
 DST 5170-5270', open 1 hr,
 Rec 3906' Gas in DP + 1302' VSO&GC Sul. Wtr,
 1 hr ISIP 2018#, FP 305-582#,
 2 hr FSIP 1973#.
 8-3-64 TD 6740', SDR.
 DST (Blaineby) 5370-5602', open 30 mins,
 rec 178' Drlg. fluid, NS,
 1 hr ISIP 247#, FP 218-232#, - cont -

8-3-64 - cont'd -
1 hr. FSIP 626#.
8-10-64 Drlg. 7626' 1m.
8-17-64 Drlg. 8656' 1m. & sd.
8-24-64 Drlg. 9745'.
8-31-64 Drlg. 10,225'.
8-8-64 TD 10,310', PB 10,265', WOC.
DST 10255-310', open 1 hr.
GTS 6 mins.,
Rec. 1023' oil + 1116' O&GCM,
+ 1488' Salt Wtr.
1 hr. ISIP 1804#, FP 432-1432#,
2 hr. FSIP 1804#.
9-14-64 TD 10,310', PB 10,309', prep to swb.
Perf. @ 10285', 10286', 10287', 10288',

10289' w/1 SPI.
Ac. 250 gals.
Swbd. 70 BO + 6 BAW/6 hrs.
8-21-64 TD 10310', PBD 10309', COMPLETED.
LOG TOP: Ellenburger 10284'.

Federal Lse. No. _____		All distances must be from the outer boundaries of the Section.	
Operator Exxon Corporation	Lease New Mexico AB State	Well No. 2	

Unit Letter	Section	Township	Range	County
A	16	24 South	37 East	Lea

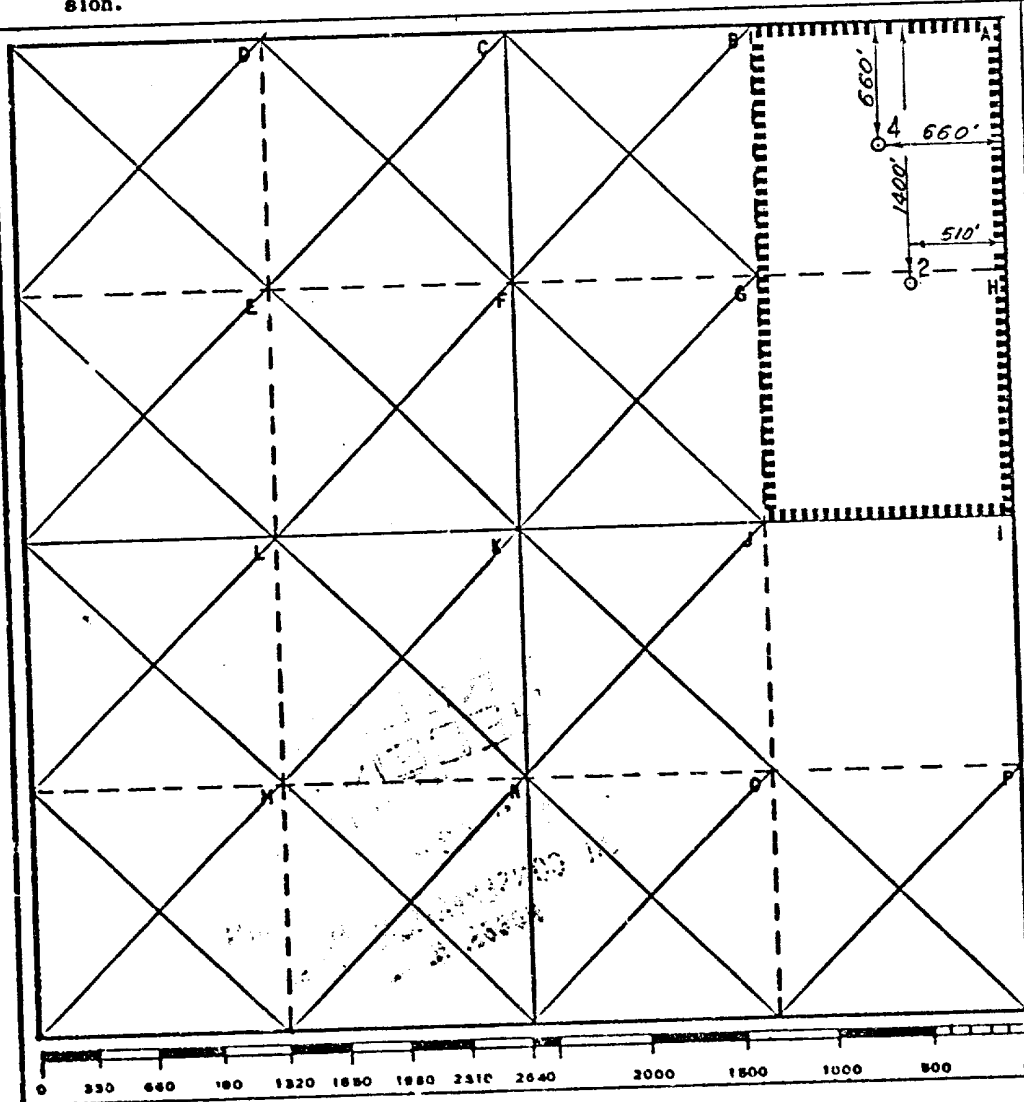
Actual Footage Location of Well:		660 feet from the North line and 660 feet from the East line	
Ground Level Elev: 3272 FT.	Producing Formation Yeso	Pool Fowler Upper Yeso	Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



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

Name Melba Kripling
Position _____

Proration Specialist

Company	Exxon Corporation
Box 1600	Midland, Texas

Date 1-17-79

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: 1/15/79

Registered Professional Engineer
and/or Land Surveyor,

and/or Land Surveyor
H. S. Hesterfeld
Certificate No. 1382

RECEIVED

MAY 24 1979

OIL CONSERVATION COMM.
HOBBS, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Fb C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

HOBBBS OFFICE O. C. C.
Dec 30 3 45 PM '65

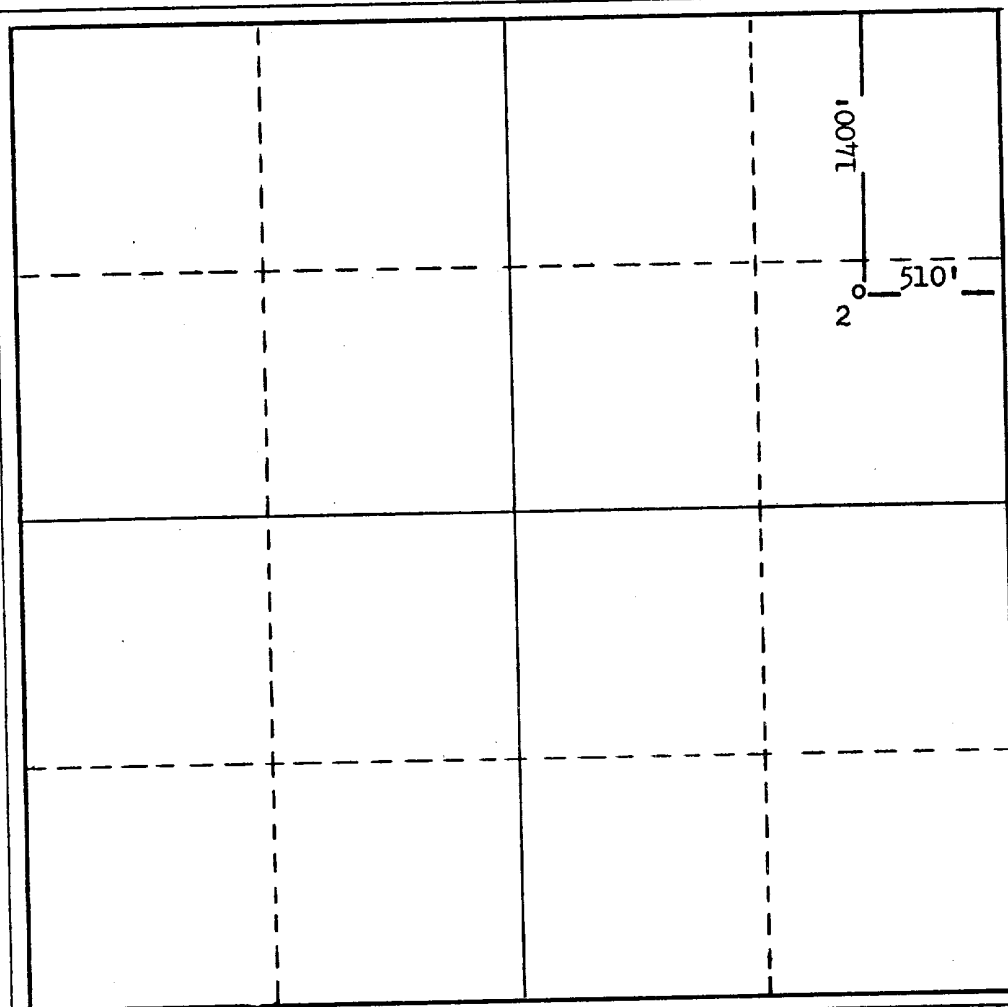
Operator HUMBLE OIL & REFINING COMPANY			Lease New Mexico State "AB"		
Unit Letter "H"	Section 16	Township 24-S	Range 37-E	County Lea	
Actual Footage Location of Well: 1400 feet from the North line and 510 feet from the East line					
Ground Level Elev: 3272'	Producing Formation Blinbry		Pool Fowler		Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
COPY ORIGINAL SIGNED: E. S. DAVIS

Position
District Adm. Supvr.

Company
HUMBLE OIL & REFINING CO.

Date
12-30-65

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
6-24-64

Registered Professional Engineer and/or Land Surveyor

S/R. A. Estes

Certificate No.

554



STATE OF TEXAS
COUNTY/PARISH OF ECTOR

I/We, Carl Kisinger, Jr.

_____, in the employ of the Directional Surveying Department of
Sperry-Sun Well Surveying Company, did on the 3rd day of September 1964
and the 8th day of August 1964
and the 2nd day of September 1964
and the _____ day of _____ 19____

respectively conduct or supervise the taking of a Multi-shot/~~Single Shot~~ Directional survey by method in-
dicated:

from a depth of Zero feet to 4454 feet by Gyroscopic/~~Magnetic/Oriented~~ Survey
depth of 4454 feet to 7375 feet by Gyroscopic/~~Magnetic/Oriented~~ Survey
depth of 7375 feet to 10,310 feet by Gyroscopic/~~Magnetic/Oriented~~ Survey
depth of _____ feet to _____ feet by Gyroscopic/~~Magnetic/Oriented~~ Survey

with records of inclination and direction of inclination being taken at approximately every 94 feet.

This survey was conducted at the request of Humble Oil & Refining Company,

for their State AB Well No. 2

510 ft fr EAST & 1400 ft fr NORTH lines,
Sec. 16, T 24 S, R 37 E Survey, Lea County/~~Parish~~,

State of New Mexico, in the Fowler Field.

I/We certify that this is a true and correct report of such survey and that it affords a true and correct repre-
sentation of our findings as to the nature and conditions of the well at the time the ~~survey~~ surveys were
made.

Carl Kisinger, Jr.

STATE OF TEXAS
COUNTY/PARISH OF ECTOR

Before me the undersigned authority/~~authorities~~, on this day personally appeared Carl Kisinger, Jr.,

known to me to be the person/~~persons~~ whose name is/~~names~~ subscribed to this instrument, who after being
by me duly sworn on oath, states that he has/~~they have~~ knowledge of all the facts stated above and that the same
is a true and correct statement of the facts therein recited.

Subscribed and sworn to before me this the 8th day of September 1964.

Annie Mae Kel
ANNIE MAE KEL
Notary Public in and for ECTOR COUNTY

Section A.

Date June 24, 1964

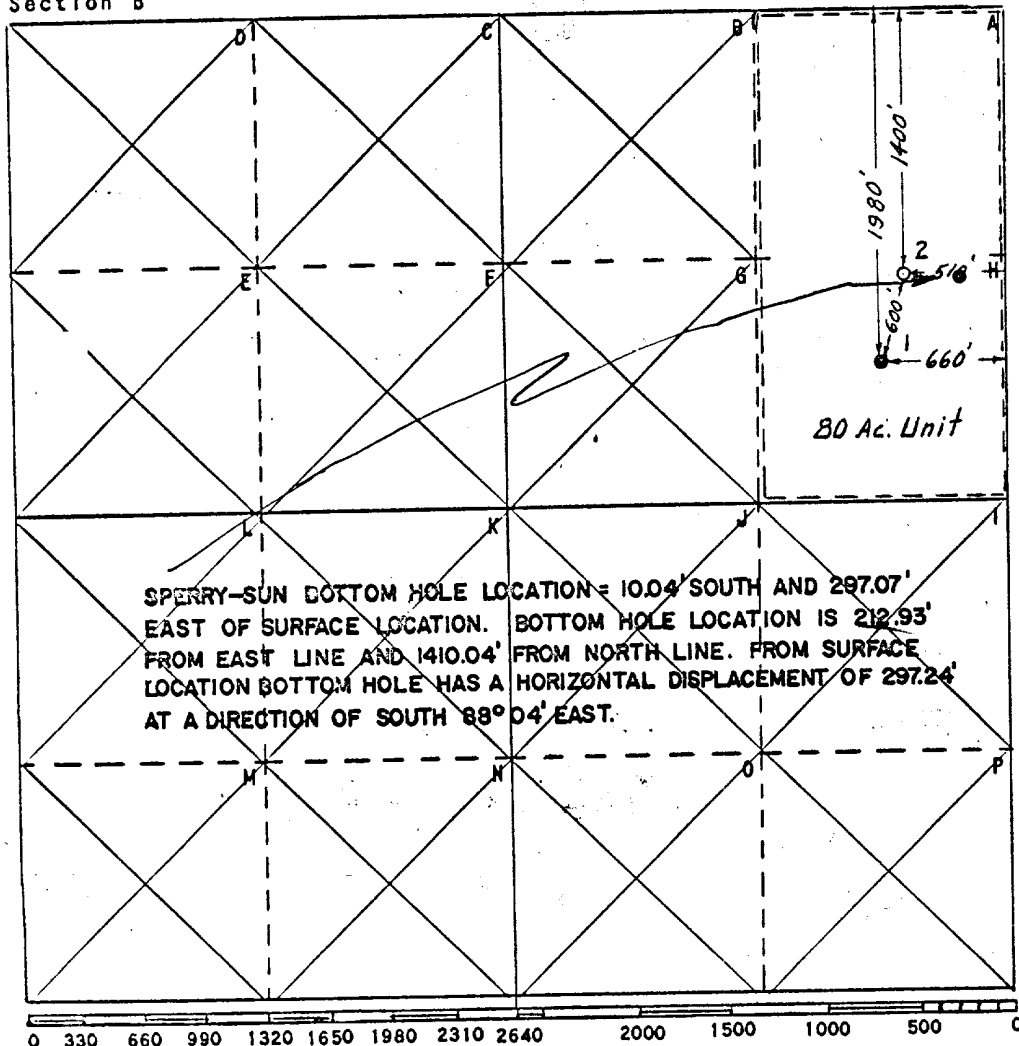
Operator Humble Oil & Refining Co Lease New Mexico state AB
Well No. 2 Unit Letter H Section 16 Township 24 South Range 37 East NMPM
Located 1400 Feet From North Line, 510 Feet From East Line
County Lea G. L. Elevation Later Dedicated Acreage 80 Acres
Name of Producing Formation Ellenburger Pool Fowler

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ If answer is "yes," Type of Consolidation
3. If the answer to question two is "no," list all the owners and thier respective interests below:

Owner

Land Description

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief

HUMBLE OIL & REFG. CO.

(Operator)

R. L. McCreary

(Representative)

Box 1600 Midland, Texas
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual survey's made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 6-24-64

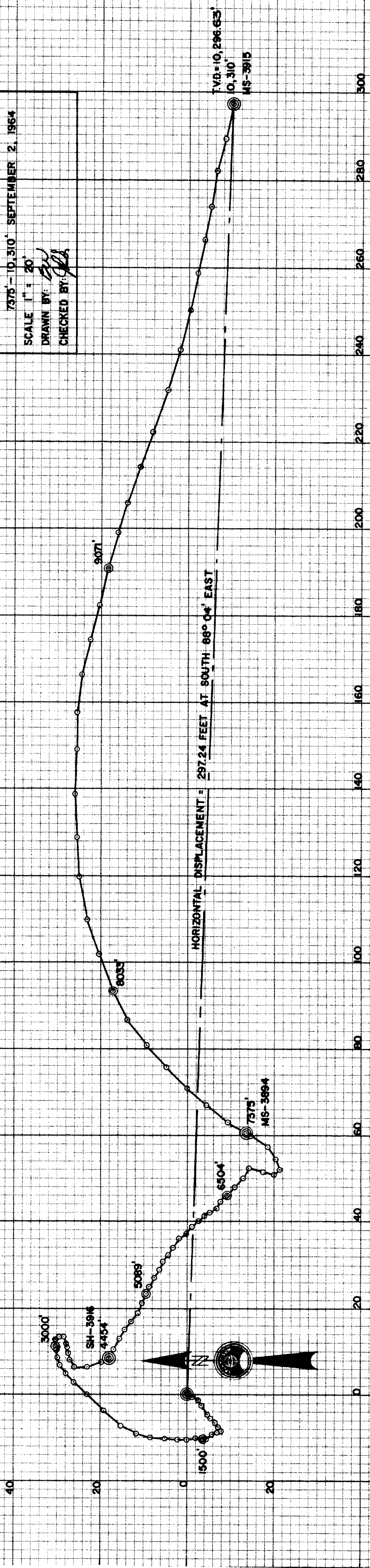
R. A. Foster
Registered Professional
Engineer and/or Land Surveyor

Certificate No. 554

FILE NO. W-A- 1256

SPERRY-SUN WELL SURVEYING COMPANY
HORIZONTAL PROJECTION

HUMBLE OIL & REFINING COMPANY
STATE "AB" WELL NO 2
FOWLER FIELD
LEA COUNTY, NEW MEXICO
GYROSCOPIC MULTISHOT SURVEY SH-3916
ZERO-4454' SEPTEMBER 3, 1964
MAGNETIC MULTISHOT SURVEY MS-3894
4454' - 7375' AUGUST 8, 1964
MAGNETIC MULTISHOT SURVEY MS-3915
7375' - 10,310' SEPTEMBER 2, 1964
SCALE 1" = 20'
DRAWN BY: *AW*
CHECKED BY: *WLB*



182
54-3916

September 3, 1964

CORRECTED TIME	MEASURED DEPTH	COURSE	TOTAL	COURSE	TOTAL	ANGLE OF INCLINATION	DIRECTION OF INCLINATION		MEASURED COURSE DISPLACEMENT		TOTAL DISPLACEMENT					
							OBSERVED	CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST
13-34-20	100		0	99.99	99.99	3/4	23	0	50	23	1.30		51	1.20		51
4-3-40	200		300	99.99	199.98	3/4	39	0	50	39	1.02		.82		3.23	1.33
4-6-20	300		400	99.99	299.97	3/4	50	0	50	50	.84		1.00		3.06	2.33
4-6-40	400		500	99.99	399.96	3/4	57	0	50	57	.71		1.10		3.77	3.44
5-0-40	500		600	99.99	499.85	3/4	53	0	50	53	.74		1.05		4.56	4.48
5-2-40	600		700	99.99	599.94	3/4	54	0	50	54	.77		1.06		5.33	5.55
5-4-20	700		800	99.99	699.43	3/4	49	0	50	49	.86		.99		6.19	6.55
5-7-00	800		900	99.99	799.92	3/4	47	0	50	47	.89		.96		7.08	7.49
5-8-40	900		1000	99.99	899.91	3/4	51	0	50	51	.82		1.02		7.90	8.51
6-5-00	1000		1100	100.00	999.91	1/4	69	5	50	69	.16		4.1		9.06	9.92
6-7-20	1100		1200	100.00	1099.91	1/4	35	11	50	35			6.5		7.70	9.17
6-7-40	1200		1300	100.00	1199.91	1/4	37	11	50	37	.70		.57		7.00	8.63
7-1-00	1300		1400	99.99	1299.90	3/4	26	12	50	26	1.18		.87		5.82	9.21
7-3-20	1400		1500	99.99	1399.88	1/2	30	12	50	30	1.51		.05		4.31	10.08
7-5-00	1500		1600	100.00	1499.88	1/2	03	12	50	03	.87		.05		3.44	10.13
7-6-40	1600		1700	99.99	1599.87	3/4	01	12	50	01	1.31		.02		2.13	10.11
7-9-00	1700		1800	99.98	1699.85	1/4	04	12	50	04	2.18		.15		10.2	10.2
8-5-20	1800		1900	99.98	1799.83	1/4	01	12	50	01	2.18		.05		10.2	10.2
8-7-20	1900		2000	99.95	1899.78	3/4	01	12	50	01	3.05		.05		10.33	10.17
9-1-00	2000		2100	99.95	1999.73	1/4	04	12	50	04	3.04		.90		9.90	9.90
9-3-00	2100		2200	99.94	2099.67	2	15	12	50	15	3.37		.11		9.06	9.06
9-5-00	2200		2300	99.90	2199.57	1/2	29	12	50	29	3.82		.57		8.29	8.29
9-5-20	2300		2400	99.98	2299.45	3/4	43	12	50	43	3.73		.34		7.41	7.41
9-8-40	2400		2500	99.96	2399.31	3	46	12	50	46	3.83		.30		6.10	6.10
10-5-20	2500		2600	99.90	2499.21	1/2	49	12	50	49	3.03		.30			
10-7-20	2600		2700	99.95	2599.16	1/4	49	12	50	49	2.00		.83		2.84	5.14
10-9-20	2700		2800	99.98	2699.14	1/4	56	12	50	56	1.19		1.65		6.97	8.62
1-5-2-20	2800		2900	99.98	2799.12	1	70	12	50	71	.57		1.71		8.62	10.33
1-5-2-30	2900		3000	99.98	2899.10	1	77	12	50	78	.36				10.33	
DON BY	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
CR BY	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM

SHEET NO. 22
SURVEY
JOB NO. 5A-2916

SURVEY
DATE
September 3, 1964

	CORRECTED TIME	COURSE	TOTAL	COURSE	TOTAL	ANGLE OF INCLINATION	DIRECTION OF INCLINATION			MEASURED COURSE DISPLACEMENT			TOTAL DISPLACEMENT				
							OBSERVED	CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
136	113-00	100	3000	11.99	2999.09	34	79 E	1 E	80 E	33		1.29		30.45		11.64	
137	115-00		3100	12.00	3099.09	12	80 E		79 E	17		1.30		30.28		13.45	
014	117-00		3200	12.00	3199.09	12	80 E		79 E	17		1.30		30.59		13.30	
138	118-40		3300	12.00	3299.09	0	87 E		86 E	03		1.30		31.59		13.30	
009	125-00		3400	12.00	3399.09	14	87 E		86 E	03		1.30		32.56		13.73	
213	127-00		3500	12.00	3499.08	34	87 E		86 E	03		1.30		33.56		13.73	
347	129-00		3600	12.00	3599.08	14	87 E		86 E	03		1.30		34.56		13.73	
006	131-00		3700	12.00	3699.08	12	87 E		86 E	03		1.30		35.56		13.73	
342	132-40		3800	12.00	3799.08	12	87 E		86 E	03		1.30		36.56		13.73	
306	134-20		3900	12.00	3899.08	12	87 E		86 E	03		1.30		37.56		13.73	
323	136-20		4000	12.00	3999.07	34	87 E		86 E	03		1.30		38.56		13.73	
340	138-20		4100	12.00	4099.05	1	87 E		86 E	03		1.30		39.56		13.73	
345	145-00		4200	12.00	4199.03	14	87 E		86 E	03		1.30		40.56		13.73	
130	147-00		4300	12.00	4298.98	14	87 E		86 E	03		1.30		41.56		13.73	
253	149-00	100	4400	12.00	4398.92	2	87 E		86 E	03		1.30		42.56		13.73	
257	2-30-20	54	4454	53.17	4452.89	2	87 E		86 E	03		1.30		43.56		13.73	

[illegible]

SHEET NO. 142
SURVEY JOB NO. 775-2894

August 8, 1964

CORRECTED TIME	DEPTH		VERTICAL DEPTH		ANGLE OF COURSE INCLIN DITY	DIRECTION OF INCLINATION		MEASURED COURSE DISPLACEMENT		TOTAL DISPLACEMENT						
	COURSE	TOTAL	COURSE	TOTAL		OBSERVED	CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
1-39-20	69	4454	68.77	4521.86	1/34	74	E	11E	5	63	E	96	1.58		18.16	8.66
2-50-00	94	4617	43.96	4615.82	1/34	70	E		5	59	E	1.48	3.46		17.20	10.54
3-1-40	95	4713	41.97	4710.79	1/12	76	E		5	65	E	1.05	3.35		15.72	13.00
3-9-40	94	4806	43.97	4804.76	1/12	58	E		5	47	E	1.68	1.80		14.67	15.25
3-7-40	95	4901	44.97	4899.73	1/12	60	E		5	49	E	1.63	1.88		13.99	12.05
3-5-40	94	4995	43.97	4993.70	1/12	85	E		5	74	E	1.68	2.37		11.36	18.93
3-3-40	94	5089	43.97	5087.67	1/12	78	E		5	67	E	1.96	2.37		10.68	21.30
3-1-40	95	5184	44.99	5182.66	1/12	73	E		5	61	E	1.80	1.45		9.92	23.57
1-9-40	94	5378	43.97	5376.63	1/12	64	E		5	53	E	1.48	1.97		8.44	25.02
1-6-20	94	5372	43.98	5370.61	1/14	78	E		5	65	E	1.80	1.89		7.44	26.99
1-3-00	95	5467	44.98	5465.59	1/14	76	E		5	67	E	1.88	1.88		6.64	28.98
1-1-00	94	5561	43.98	5559.57	1/14	58	E		5	47	E	1.40	1.50		5.76	30.76
0-9-00	95	5656	44.98	5654.55	1/14	73	E		5	62	E	1.97	1.83		4.36	32.26
0-7-00	93	5749	42.97	5747.52	1/12	62	E		5	51	E	1.53	1.89		3.39	34.09
0-5-00	94	5843	43.98	5841.50	1/14	46	E		5	35	E	1.68	1.18		1.86	35.98
0-3-00	94	5937	43.98	5935.48	1/14	63	E		5	52	E	1.26	1.62		1.18	37.16
1-0-00	94	6031	43.98	6029.46	1/14	51	E		5	40	E	1.57	1.32		1.08	38.78
1-2-57	40	6126	44.99	6124.45	1/14	58	E		5	47	E	1.45	1.21		2.65	40.10
5-4-00	94	6220	43.99	6218.44	1/14	39	E		5	38	E	1.45	1.77		3.78	41.31
5-2-00	95	6315	44.99	6313.43	1/14	46	E		5	35	E	1.36	1.95		5.23	42.08
5-0-00	94	6409	43.98	6407.41	1/14	65	E		5	54	E	1.21	1.66		6.59	43.03
4-7-40	95	6504	44.99	6502.40	1/14	58	E		5	47	E	1.13	1.21		7.80	44.69
4-5-00	95	6599	44.98	6597.36	1/14	60	E		5	49	E	1.90	2.19		8.93	45.90
4-3-00	93	6692	42.96	6690.32	1/14	59	E		5	48	E	1.90	2.11		10.83	48.09
4-0-40	95	6787	44.97	6785.29	1/12				5			1.46	2.01		12.73	50.20
3-7-00	95	6882	44.94	6880.23	2/12				5			2.25			14.19	52.21
3-3-20	94	6976	43.97	6974.20	1/12				5			2.42			17.44	51.58
3-1-20	95	7071	44.99	7069.19	1/12				5			2.42			19.86	51.11
12-29-00	94	7165	43.96	7163.15	1/12				5			1.39	1.04		21.45	52.15
									5				2.70		26.17	54.85
DONE BY	MM	MM	MM	MM	MM											
CK. BY	MM	MM	MM	MM	MM											

FIELD

Humble Oil & Refining Company



SHEET NO.

222

SURVEY
JOB NO.

MS-3894

SURVEY
DATE

August 8, 1964

Fourier
La Courte, New Mexico
MEASURED

Magnetic Multistat

CORRECTED TIME	DEPTH		VERTICAL DEPTH		ANGLE OF INCLINATION	DIRECTION OF INCLINATION			MEASURED COURSE DISPLACEMENT		TOTAL DISPLACEMENT				
	COMPSF	TOTAL	COURSE	TOTAL		OBSERVED	CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST
12-25-00	94	7259	9396	7257.1	1 34	11 46 E	11 E	11 57 E	1.56		3.41			18.61	57.26
21-30	93	7353	92.87	7344.98	3	11 28 E	1	11 33 E	4.08		2.65			14.53	59.91
12-16-20	23	7375	22.97	7372.95	3	11 15 E	11 E	11 26 E	1.08		.53			13.45	60.44

[illegible]

SHEET NO
SURVEY
JOB NO

1 OF 2
MS. 3915

FOULIER
LEA COUNTY NEW MEXICO

MAGNETIC

MUTISH

SURVEY
DATE

SEPTEMBER 2, 1964

CORRECTED TIME	COURSE	DEPTH		VERTICAL DEPTH		ANGLE OF INCLINATION	COURSE DEVIATION	DIRECTION OF INCLINATION			MEASURED COURSE DISPLACEMENT			TOTAL DISPLACEMENT					
		TOTAL	COURSE	TOTAL	COURSE			OBSERVED	CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	
58-40	89	7375	88.86	7461.51	3114	N	31	E	32	E	3894			3.67		1345	63.11		
55-40	95	7559	94.80	7556.61	3314	N	27	E	38	E	4.28			3.83		917	66.94		
53-40	95	7654	94.80	7651.41	3314	N	30	E	41	E	4.90			4.08		4.27	71.02		
51-40	95	7249	94.17	7246.18	4	N	35	E	46	E	4.69			4.77		5.62	75.79		
49-40	95	7844	94.17	7840.95	4	N	36	E	47	E	4.60			4.85		4.54	80.64		
47-40	94	7938	93.71	7934.66	4 1/2	N	44	E	55	E	4.23			6.04		13.77	86.68		
45-20	95	8033	94.67	8029.23	4 3/4	N	58	E	64	E	3.45			7.07		17.22	93.75		
43-20	95	8128	94.60	8123.93	5 1/4	N	58	E	69	E	3.12			8.12		20.34	93.75		
41-20	94	8222	93.57	8217.50	5 1/2	N	60	E	71	E	2.93			8.52		23.27	101.87		
37-20	94	8316	93.53	8311.03	5 3/4	N	69	E	80	E	1.64			9.27		24.91	110.39		
35-20	94	8410	93.53	8404.56	5 3/4	N	75	E	86	E	.66			9.37		25.57	119.66		
33-00	95	8505	94.48	8499.04	6	N	76	E	87	E	.52			9.92		26.09	128.97		
30-00	95	8600	94.52	8593.56	5 3/4	N	80	E	89	E				9.52		25.92	148.49		
27-40	94	8694	93.57	8687.03	5 1/2	N	81	E	88	E				9.00		25.61	157.49		
25-00	95	8787	94.56	8781.69	5 1/2	N	86	E	83	E				9.04		24.50	166.53		
22-00	94	8883	93.64	8875.33	5 1/2	N	87	E	76	E				7.95		22.52	174.48		
19-20	94	8977	93.64	8968.97	5 1/2	N	86	E	75	E				7.91		22.40	182.39		
15-20	94	9071	93.61	9062.58	5 1/4	N	88	E	77	E				8.38		18.47	190.77		
12-20	95	9166	94.64	9157.22	5	N	86	E	75	E				8.00		16.33	198.77		
09-40	94	9260	93.68	9250.90	4 3/4	N	87	E	71	E				7.36		13.80	206.13		
06-40	94	9354	93.61	9344.51	5 1/4	N	83	E	71	E				8.13		11.00	214.26		
03-20	94	9448	93.61	9438.12	5 1/4	N	83	E	71	E				8.13		8.20	222.39		
1.00.40	94	9542	93.44	9531.52	6 1/4	N	83	E	71	E				9.68		4.87	230.07		
56-00	95	9637	94.52	9626.68	5 3/4	N	83	E	72	E				9.05		1.12	241.12		
53-20	94	9731	93.49	9719.57	6	N	87	E	76	E				9.53		45	252.65		
49-00	94	9825	93.61	9813.18	5 1/4	N	87	E	79	E				8.44		2.09	259.09		
45-40	94	9919	93.68	9906.86	4 3/4	N	87	E	79	E				7.64		3.58	266.73		
43-00	94	10013	93.68	10000.54	4 3/4	N	87	E	79	E				7.64		5.07	274.37		
12-40-00	94	10107	93.68	10094.22	4 3/4	N	89	E	78	E				7.61		6.69	281.98		
DONE BY:	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL	WHL
CK BY:	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR	BUR

LEE DRILLING OF TULSA, OKLA. INC
HUMBLE OIL & REF. CO.



$$\begin{array}{c}
 \begin{array}{cc}
 + & - \\
 \hline
 - & +
 \end{array} \\
 \begin{array}{c}
 W \\
 \vdots \\
 E
 \end{array}
 \end{array}
 \begin{array}{c}
 \downarrow \\
 Z \\
 \vdots \\
 E
 \end{array}$$

FOWLER
LEA COUNTY. NEW MEXICO

MAGNETIC MULTISHOT

2 OF 2
MS. 3915
September 2, 1964

September 2, 1964

CORRECTED TIME	MEASURED DEPTH		VERTICAL DEPTH		ANGLE OF INCIDENCE	DIRECTION OF INCIDENCE				MEASURED COURSE DISPLACEMENT				TOTAL DISPLACEMENT						
	COURSE	TOTAL	COURSE	TOTAL		OBSERVED	CORR	CORRECTED	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
37-00	95	10,202	94	71	18.88	93	4 1/2	88 E	110 E	5	77	E	1.68	7.26			8.37	289.24		
12-31-00	94	10,296	93	74	18.82	247	4 1/4	84 E	110 E	5	78	E	1.45	6.81			9.82	296.05		
12-29-00	14	10 310	13.96	10,316	43	4 1/4		81 E	11 E	5	78	E	.22	1.02			10.64	297.07		

Horizontal displacement = 297.24 feet at South 98° 04' East