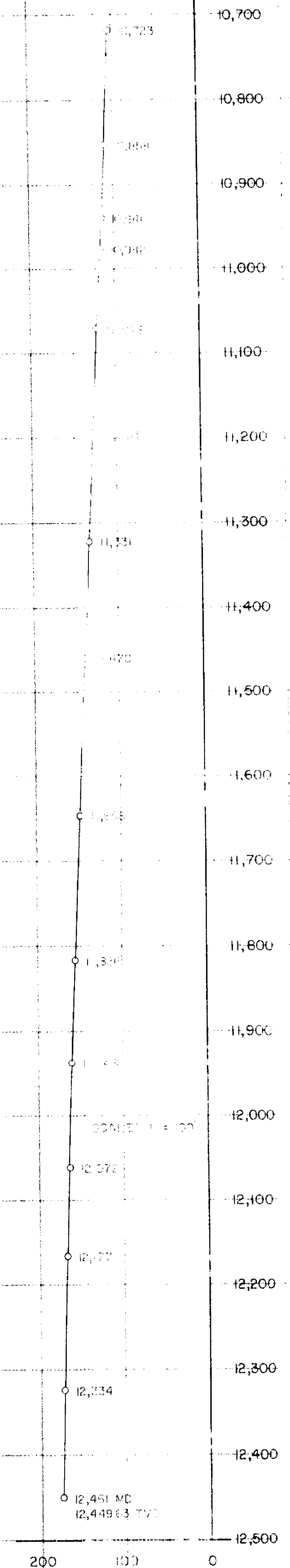
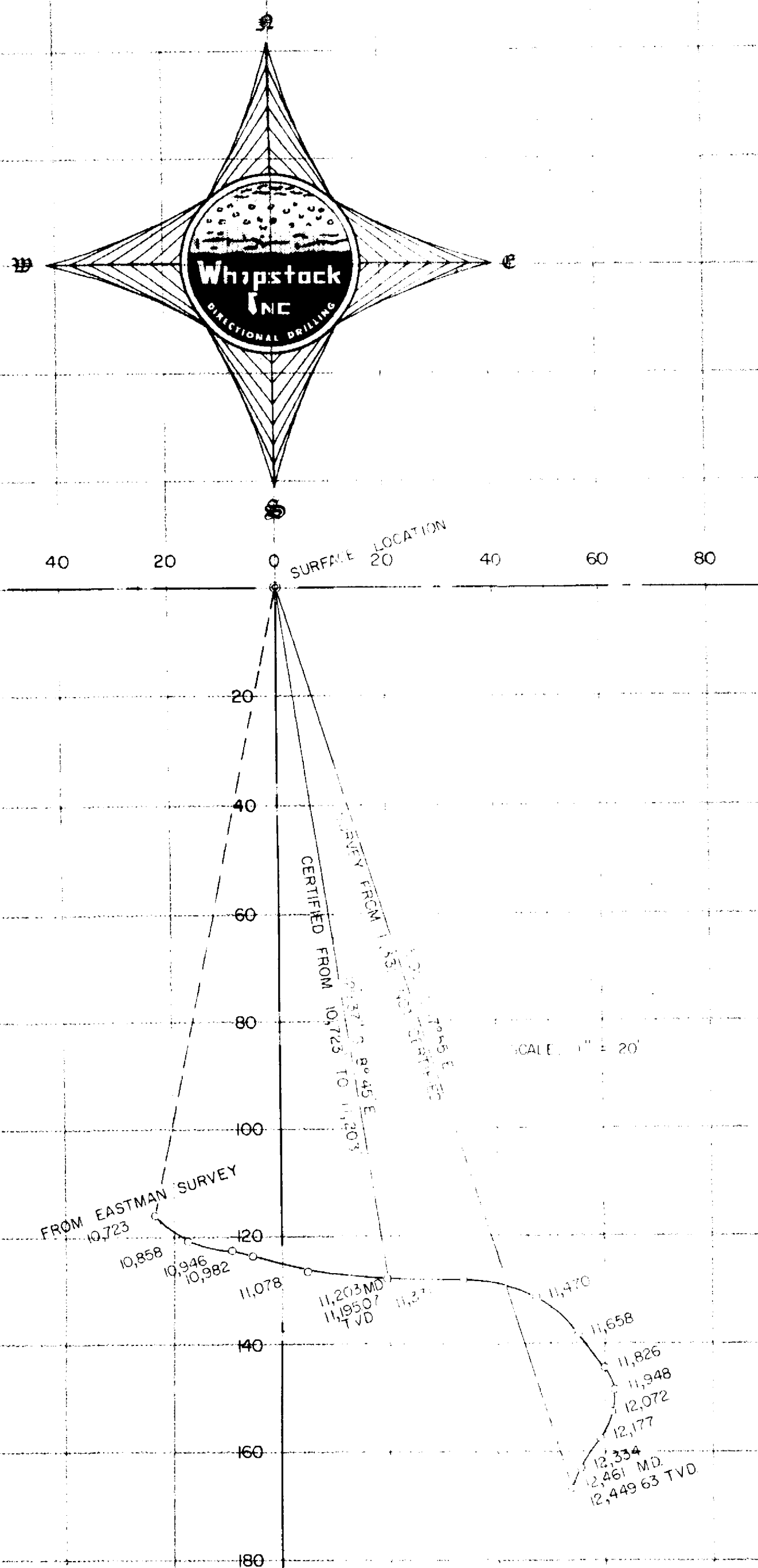


T.P. STATE NO. 1
LEA COUNTY, NEW MEXICO



COUNTY LEA FIELD Wildcat 30-025-22297
 OPR TRI-SERVICE DRLG. CO. STATE NM OWWO
 1 T.P.-State MAP
 Sec. 1, T-16-S, R-38-E
 1980' FSL, 1980' FEL of Sec.* CO-ORD
 Re-Spd 7-13-68
 Re-Cmp 8-27-68 CLASS OWWO
 CSG & SX - TUBING
 12 3/4" 410' 425
 8 5/8" 4978' 300
 LOGS EL GR RA IND HC A
 TD 13140', STTD 12488'
 PLUGGED & ABANDONED

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CONT. Co. Rig #6
 DATE PROP DEPTH 13,200' TYPE DD

F.R. 8-22-68; OWWO
 PD 13,200' - Dev.
 Contr. - Co. Rig #6
 (Orig. Signal Oil & Gas Co., #1 T.P.-State,
 Cmp P&A 5-9-68, OTD 13140', Old STTD 13128')
 Elev. 3716' DF, Orig.
 *PROPOSED BHL: 1680' FSL, 1680' FEL of
 Sec. 1-16S-38E.
 8-26-68 TD 13140', drlg by @ 12478'
 Set Whipstock @ 10855'
 9-3-68 TD 13140', STTD 12488', PLUGGED & ABANDONED
 Drilled in ST Hole from 10855' to 12488'

LEA Wildcat NM Sec. 1-16S-38E
TRI-SERVICE DRLG. CO., #1 T.P.-State Page #2

9-3-68

Cont.

No cores or tests

COMPLETION REPORTED

LOG: Atoka 11336', Chester 11523',
Mississippian 12320'.

COUNTY	LEA	FIELD Wildcat	STATE NM
OPR	SIGNAL OIL & GAS CO.		
	1	T.P.-State	MAP
	Sec. 1, T-16-S, R-38-E		CO-ORD
	1980' FSL, 1980' FEL of Sec.		30-025-22297
	Spd 10-30-67		
	Cmp 5-9-68		CLASS
CSG & SX - TUBING	FORMATION	DATUM	FORMATION DATUM
12 3/4" 410' 425			
8 5/8" 4978' 300			
LOGS EL GR RA IND HC A			
	TD 13140', STTD 13128'		
PLUGGED & ABANDONED			

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CONT. Tri-Service Drlg. Co. PROP DEPTH 13,000' TYPE RT
DATE

F.R. 11-2-67; Opr's Elev. 3715' KB
PD 13,000' - Dev.
Contr. - Tri-Service
3-21-68 AMEND OPERATOR: Formerly reported as WILLIAMSON,
J. C. & SIGNAL OIL & GAS CO.
11-6-67 Drlg. 4448'.
11-13-67 Drlg. 5464'.
11-20-67 Drlg. 6863' 1m & sh.
11-27-67 Drlg. 8042' 1m & sh.
12-4-67 Drlg. 8883'.
12-11-67 Drlg. 9538' 1m & ch.
12-18-67 Drlg. 10356' 1m & ch.
DST 10010-250', open 1 hr,
rec 350' DM + 8950' sul wtr,
1 hr ISIP 4270#, FP 2357-4270#,
1 hr FSIP 4298#.

1-2-68 TD 11719', fshg.
1-8-68 Drlg. 11817' lm & ch.
1-15-68 TD 11872', PBD 11350', prep to drill.
PB to straighten hole.
1-22-68 TD 11872', drlg out @ 11707'
1-29-68 Drlg. 11894' lm.
2-5-68 Drlg. 12096'.
2-12-68 Drlg. 12365'.
2-19-68 Drlg. 12743' lm, sh & ch.
2-26-68 Drlg. 13047' lm & sh.
3-4-68 TD 13140', drlg by @ 10356'
DST 12980-13140', open 1 hr,
Rec 2000' WB, 470' salt wtr CM +
1730' salty sul wtr,
1 hr ISIP 5163#, FP 1181-2003#,
1 hr 30 min FSIP 4962#.

PB to 10,000'
LOG: Devonian 13095'
3-11-68 TD 13140', drlg by @ 10538'.
3-18-68 TD 13140', drlg by @ 10951' lm & ch.
3-25-68 TD 13140', drlg by @ 11216' lm & ch.
4-1-68 TD 13140', drlg by @ 11631'.
4-8-68 TD 13140', drlg by @ 11935' lm & sh.
4-15-68 TD 13140', drlg by @ 12287'.
4-22-68 TD 13140', drlg by @ 12698'.
4-29-68 TD 13140', drlg by @ 13108'.
5-6-68 TD 13140', STTD 13128', prep to P&A.
DST (Dev) 12980-13120', open 2 hrs 15 mins,
Used 2000' WB,
Rec 2000' WB, 830' HO&GCM + 10' free oil,
1 hr 30 min ISIP 5112#, FP 1070-1224#,
4 hr FSIP 5112#.

5-6-68

Cont.

DSF 12980-13128', open 3 hrs 45 mins,
Used 2000' WB.

Rec 2000' WB, 728' OSGOM + 1000' salt wtr,
1 hr 30 min DSIF 1170#, FP 934-1431#,
2 hr 30 min FSIF 1170#.

5-13-68

TD 13140', STTD 13128', PLUGGED & ABANDONED

LOG: Strawn 11212 (-7497')
(-7477' True Vertical)
Atoka 11430' (-7715')
(-7680' True Vertical)
Chester 11760 (-8045')
(-8002' True Vertical)
L. Miss. lm. 12322 (-8607')
(-8548' True Vertical)

Woodford 12056 (-9341')
(-9235' True Vertical)
Devonian 13111 (-9396')
(-9288' True Vertical)

WHIPSTOCK INC.

MIDLAND, TEXAS 79702

STATE OF Texas
COUNTY OF Ector

I, Glen Harbert, in the employ of the Directional Drilling Department of Whipstock, Inc., did on the days of July 16, 19 68, thru August 8, 19 68, conduct or supervise the taking of a Single-Shot Directional Survey by the method of Magnetic Oriented Survey from a depth of 10,723 feet to 11,203 feet, with records of inclination being taken at approximately every feet.

This survey was conducted at the request of Tri-Service Drilling Co., for their T. P. State, Well No. 1, Lea, County, State of New Mexico, in the survey, Field.

I certify that this is a true and correct report of such survey and that it affords a true and correct representation of our findings as to the nature and conditions of the well at the time the survey was made.

Glen Harbert

STATE OF Texas
COUNTY OF Ector

Before me the undersigned authority, on this day personally appeared Glen Harbert, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that the same is a true and correct statement of facts therein recited.

Subscribed and sworn to before me this 19th day of September, 1968.

[Signature]
Notary Public in and for Ector County, Texas



WHIPSTOCK, INC. . .

... a growing force in directional drilling

COMPANY: Tri-Service Drilling Company

LOCATION: T.D. State No. 1

DATE: September 12, 1968

COUNTY : Lea County, New Mexico PAGE 1 of 2

MEAS. DEPTH	COURSE LENGTH	DRIFT ANGLE	VERTICAL DEPTH	COURSE DEVIATION	DIRECTION DEVIATION	TOTAL COORDINATES			
						NORTH	SOUTH	EAST	WEST
10,723	95	3° 15'	10,717.45	5.30	S-36-F		116.06		23.46
10,742	20	3°	10,737.42	1.05	S-37-F		116.90		24.00
10,858	115	3° 45'	10,952.18	7.52	S-60-F		120.66		17.52
10,897	22	5° 15'	10,981.06	2.65	S-73-F		121.13		15.05
10,946	59	5° 45'	10,939.76	5.91	S-75-F		122.66		0.34
10,982	35	5° 45'	10,975.58	3.61	S-74-F		123.66		5.57
11,079	66	6° 15'	11,071.01	10.45	S-75-F		126.37	4.52	
11,203	125	7°	11,195.97	15.24	S-84-F		127.97	19.69	
Closure = 123.37 feet @ S-90 45'-E									
11,331	128	6° 15'	11,322.31	12.94	S-89-F		128.22	33.62	
11,396	51	6°	11,376.61	5.75	S-84-F		128.92	39.34	
11,470	24	5° 45'	11,450.59	8.42	S-71-F		131.56	47.30	
11,596	126	3° 15'	11,593.30	7.14	S-51-F		136.06	52.85	
11,650	62	2° 45'	11,647.32	2.97	S-45-F		138.16	54.95	
11,721	73	2° 45'	11,720.24	3.50	S-44-F		140.62	57.38	
11,826	65	2° 45'	11,817.12	4.56	S-35-F		144.42	59.99	
11,904	59	2° 45'	11,873.66	2.70	S-32-F		146.72	61.46	
11,942	64	1° 45'	11,937.03	1.95	S-11-F		149.60	61.83	
12,019	62	1° 30'	11,999.61	1.62	S-15-W		150.28	61.52	
12,072	62	2°	12,060.97	2.16	S-16-W		152.40	61.11	
12,148	76	3°	12,136.87	3.98	S-22-W		156.09	59.62	
12,177	29	3°	12,165.83	1.52	S-27-W		157.44	58.93	

Survey from 11,331 feet thru 12,177 feet taken by rig personnel--not certified.

COORDINATE SHEET



WHIPSTOCK, INC.

COMPANY: Tri-Service Drilling Company

LOCATION: T.P. State No. 1

DATE: September 18, 1968

COUNTY : Lea County, New Mexico

PAGE 2 of 2

MEAS. DEPTH	COURSE LENGTH	DRIFT ANGLE	VERTICAL DEPTH	COURSE DEVIATION	DIRECTION DEVIATION	TOTAL COORDINATES			
						NORTH	SOUTH	EAST	WEST
12,272	65	2° 30'	12,260.74	4.14	S-36-W		160.79	56.50	
12,334	62	2° 15'	12,322.69	2.43	S-26-W		162.98	55.43	
12,399	64	1° 45'	12,386.66	1.95	S-23-W		164.77	54.67	
12,461	63	1° 45'	12,449.63	1.92	S-25-W		166.51	53.86	
Closure = 175.00 Feet @ S-17° 50' E									

COORDINATE SHEET