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				WT0385-S0221	(0/-357×)		WT0485-80246	(4554/-8619/)			RECORD OF SURVEY CONTRACT					
	ARGEE OIL COMPANY CANTINA WELL NO. 1 LEA COUNTY NEW MEYTOO 200	MARCH 31, 1985	EASTMAN WHIPSTOCK, INC.		SURVEYOR: STEVE COVINGTON MARMETIC MULTI SUDI SUBUEV	SURVEYOR: GARY DESPAIN										

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P.O. Box 6341/Midland, Texas 79711-0341/(915) 563-0511

SURVEY CERTIFICATION SHEET

STATE OF TEXAS COUNTY OF MIDLAND

I, <u>STEVE COVINGTON</u>, in the employ of Eastman Whipstock, Inc., did on the days of <u>MARCH 31</u>, 19 85 thru <u>APRIL 1</u>, 19 85 conduct or supervise the taking of a <u>MAGNETIC MULTI-SHOT</u> survey by the method of magnetic orientation from a depth of <u>0</u> feet to <u>357</u> feet, with recordings of inclination and direction being obtained at approximate intervals of <u>98</u> feet.

This data for this survey and the calculation were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

Directional Supervisor Surveyor

The data for this survey has been examined by me and confirms to principles and procedures set forth by Eastman Whipstock, Inc.

Tim Stephens

Before me, the undersigned authority, on this day personally appeared <u>STEVE COVINGTON</u>, 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 this information is a true statement of facts therein recited.

Subscribed and sworn to before me on this APric **,** 19 X

day of

Notary Public in and for the County of Midland, Texas





(915) 563-0511 P.O. Box 6341/Terminal Station/Midland, TX 79711-0341

SURVEY CERTIFICATION SHEET

STATE OF TEXAS COUNTY OF MIDLAND

I, <u>Gsry DeSpain</u> April 7 in the employ of Eastman Whipstock, Inc., did on <u>April 7</u>, 19<u>85</u> ,19 85 thru survey conduct or supervise the taking of a Magnetic Multi Shot by the method of magnetic orientation from a depth of feet 357 feet, with recordings of inclination and direction to 4554 being obtained at approximate intervals of 93 feet.

This surve	ey was conducte	d at the re	equest of	Argee Oil Company	
for their	Cantina We	11 No. 1	,	Lea	County,
State of	New Mexico	,	in the		field.

This data for this survey and the calculation were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

Directional Supervisor/Surveyor

The data for this survey has been examined by me and confirms to principles and procedures set forth by Eastman Whipstock, Inc.

Tim Stephens

Before me, the undersigned authority, on this day personally appeared , known to me to be the person whose name is Gary DeSnain 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 this information is a true statement of facts therein recited.

Subscribed and sworn to before me on this (1) , 1985

dav of

Notary Public in and for the County of Midland, Texas





(915) 563-0511 P.O. Box 6341/Terminal Station/Midland, TX 79711-0341

SURVEY CERTIFICATION SHEET

STATE OF TEXAS COUNTY OF MIDLAND

I, <u>STEVE COVINGTON</u>, in the employ of Eastman Whipstock, Inc., did on the days of <u>APRIL 21</u>, 19 <u>85</u> thru <u>APRIL 21</u>, 19 <u>85</u> conduct or supervise the taking of a <u>MAGNETIC MULTI SHOT</u> survey by the method of magnetic orientation from a depth of <u>4554</u> feet to <u>8619</u> feet, with recordings of inclination and direction being obtained at approximate intervals of <u>93</u> feet.

This survey was conducted	at the 1	request of	ARGEE OIL COMPANY	ζ
This survey was conducted for their CANTINA #1		, –	LEA	County,
State of <u>NEW MEXICO</u>	1	, in the	······································	field.

This data for this survey and the calculation were obtained and performed by me according to standards and procedures as set forth by Eastman Whipstock, Inc. and is true and correct to the best of my knowledge.

Directional Supervi /Surveyor

The data for this survey has been examined by me and confirms to principles and procedures set forth by Eastman Whipstock, Inc.

TimStephens

Before me, the undersigned authority, on this day personally appeared <u>STEVE COVINGTON</u>, 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 this information is a true statement of facts therein recited. $\gamma > RD$

Subscribed and sworn to before me on this 11 , 19<u>75</u>.

day of

Notary Public in and for the County of Midland, Texas



NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Poim C-102 Supersedes C-128 Etlective 1-1-65

All distances must be from the outer boundaries of the Section

		1			Weil tic.
HARBEN			CANTINA		1
Chut Letter	Section 22	Township 16 SOUTH	Honge	County	
Actual Footage Loco			38 EAST	LEA	
990	feet from the	SOUTH line and		t from the WEST	line
Ground Level Elev. 3713.1	Producing For	mation F	2001 WILDCAT		Dedicated Acreage:
		ted to the subject well		t hachure marks on t	he plat below
	an one lease is				thereof (both as to working
3. If more that dated by co X Yes	ommunitization, u	ifferent ownership is de nitization, force-pooling nswer is "yes!' type of (s. etc?		f all owners been consoli-
lf answer i this form if No allowabl	s "no," list the necessary.) le will be assigne	owners and tract descrip	ntions which have ac	tually been consolid	ated. (Use reverse side of munitization, unitization, approved by the Commis-
	i i		· · · · · · · · · · · · · · · · · · ·		CERTIFICATION
				toined he	certify that the information con- rein is true and complete to the y knowledge and belief.
				Date	X - DAVIS 26, 1985
				I hernby shown an in notes of a under my s is true an	certify that the well location this plat was plotted from field ictual surveys made by me or . supervision, and that the some id correct to the best of my and belief.
145 056	DEP NOR	AL STATION: TH 8635 MD 8633.79 TH 84.57 EAST 16.5 SURE 86.17 N 11 4	6	Registered Fi and or Land S	26, 1985 rolessional Engineer Surveyor
C 330 660 90	1520 1680 1980	2310 2040 2000	1800 1000 800	Certificate No	P JOHN W. WEST, 676 RONALD J. EIDSON, 3239

Petroleum Information.			STATE NM	Reproduction Probi
COUNTY LEA FIELD	Garrett		API 30-02	5-29188
OFR HARBEN-DAVIS			MAP	
NO 1 LEASE Cantina			CO-ORD	
Sec 22, T16S, R38E			7-3	<u>-11 NM</u>
990 FSL, 100 FWL of S	iecspi	3-31-8	5 CMP 6-1	585
12 mi SE/Lovington	WELL CLASS: IN		D LSE. CODE	
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	OPRSELEV 3713 GR	SUB-5 17
#10	OPRSELEV 3/13 GR	
CONTR MORANCO #10		
Contra and a series		

	F.R. 3-25-85 PD 8600 RT (Abo B Reef)
4-2-85 4-11-85	Drlg 1780 Drlg 5642 DST (San Andres) 5250-5500, op 1 hr 30 mins, rec 306 FT SOCW (Sample chamber rec .02 CFT GAS + 1800 CC OCW) 30 min IFP 192-192, 1 hr ISIP 2369, 1 hr FFP 256-256, 2 hr FSIP
	2890, HP 2411-2411 DST (San Andres) 5510-5642, op 1 hr 45 mins, rec 690 FT GAS + 20 FT OIL + 70 FT WTR (Sample chamber rec 100 CC OIL + 1600 CC WTR, (chl 14,000 ppm), 30 min IFP 41-21, 1 hr ISIP 1502, 1 hr 15 min FFP 21-41, 2 hr 15 min FSIP 1049, HP 2397-2377, BHT 116 deg
4-17-85	Dr1g 7975

7-3-11 NM

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LEA HARBEN-DAVIS

Garrett 1 Cantina Sec 22, T165, R38E

NM Page #2

4-23-85

TD 8780; RDRT DST (Blinebry) 7020-8030, op 1 hr 30 mins, rec 260 FT GAS + 5 FT OIL + 35 FT OCM (Sample chamber rec .226 CFT GAS + 150 CC OIL + 450 CC OCM (chl 3000 ppm), 30 min IFP 200-125, 1 hr ISIP 417, 1 hr FFP 229-138, 2 hr FSIP 454, HP 3670-3653 DST (Abo) 8364-8420, op 1 hr 30 mins, rec 5 FT SG&OCM (Sample chamber rec 1400 CC SOG&CM) 30 min IFP 143-102, 1 hr ISIP 143, 1 hr FFP 82-82, 2 hr FSIP 205, HP 3900-3920

7-3-11 NM

4-23-85

Continued

DST (Abo) 8420-8635, op 1 hr 30 mins, rec 2 FT OIL + 93 FT SO&GCM + 365 FT SGCM (Sample chamber rec 1800 CC SO&GCM(ch1 6000 ppm), 30 min IFP 166-187, 1 hr ISIP 2941, 1 hr FFP 311-290, 2 hr FSIP 2921, HP 3992-3971 No Cores DST (Abo) 8614-8780, op 1 hr 30 mins, rec 25⁻ MCW + 375 FT WTR w/TR OIL (Sample chamber rec .3 CFT GAS + 1600 CC WTR (ch1 11,000 ppm), 30 min IFP 102-184, 1 hr ISIP 3257, 1 hr FFP 246-307, 2 hr FSIP 3217, HP 4040-4040, BHT 130 deg TD 8780; WOCT

5**-8-**85

7-3-11 NM

- - -	LEA HARBEN-DAVIS	Garrett 1 Cantina Sec 22, T16S, R38E	NM Page	#3∠
		TD 8780; Dry & Abandoned Perf (Abo) 8520-8644 w/20 shots Acid (8520-8644) 3000 gals (20%) Perf (Abo) 8358-8405 w/11 shots Acid (8358-8405) 2000 gals (15%) Perf (Drinkard) 7846-8008 w/28 shots Acid (7846-8008) 3000 gals (20%) Perf (San Andres) 5557-5609 w/15 shots Acid (5557-5609) 2000 gals (15%) Perf (San Andres) 5281-5457 w/27 shots Acid (5281-5457) 4000 gals (15%) Frac (5281-5457) 20,000 gals (2% KCL) 74,000# sd 7-3-11 NM	3	

7**-**15**-**85

7-20-85

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Continued CIBP @ 5200 Cut & pulled 5 1/2 csg @ 4022 LOG TOPS: Rustler 2085, Salt 2230, Yates 3155, Seven Rivers 3340, Queen 4035, Grayburg 4558, San Andres 4936, Glorieta 6258, Paddock 6440, Blinebry 7095, Tubb 7666, Drinkard 7836, Abo 8303 LOGS RUN: DLL, GRL, CNL, CDL, BHC, ACSL COMPLETION ISSUED

> 7-3-11 NM IC 30-025-70159-85