							Cor		BLM Roswell District C15
2160.4						CONTACT	Posc. 11V-I	JISL Z	
orm 3160-4 uly 1989)			UNITED ST	ATES		OF PURE TOOK NEW	der Cron	H AVANU	Godified Form No.
Figure 1909)		DEPAR1	MENT OF T	— –	IOR	OF CORIES REOL	W. CIQII	ODO40	NM060-3160-3
•		BURE	EAU OF LAND	MANAGEME	NT	Artes	sia, ivivi	S. LEASE DESTON	NATION AND SERIAL NO.
WELL	COMPL	ETION O	R RECOMPL	ETION RE	PORT AND	LOG *		NM 1710	03
. TYPE OF WELL:		OIL	X GAS	DR	у Отне	R _		6. IF INDIAN, ALI	LOTTEE OR TRIBE NAME
. TYPE OF COMPLE	TION:	WELI	, WELL			A		7. UNIT AGREEM	FNT NAME
NEW X	work 1	DEEPEN	PLUG	DIFF.	ОТНЕ	R (P)		7. CITT AGREEM	ILINE MANIE
WELL	OVER		BACK	RESV		0216		8. FARM OR LEA	
NAME OF OPERATOR					3ag Area	Kro Ott	SIA	Lee Fede	eral
		O. BOX	RODUCTION (	COMPANY	<u> </u>	5-622 1127	·	9. WELL NO. #	·n
ADDRESS OF OPERATOR			NEW MEXIC	O 88202-1	1030	,			OOL, OR WILDCAT
LOCATION OF WELL			d in accordance wit			<u> </u>		1	Delaware
	(перин пис	•		-	uir emenis)	A 64 61 71 7			
At surface 990' I			FINE & 33	FNL & 330' FWL				1	M., OR BLOCK AND SURVEY
At total depth	reported ber	J W						OR AREA	
•								Section 2	25-20S-28E
API Well No.			14. PERMIT N	io.	DATE	ISSUED	٠.	12. COUNTY OR PARISH	13. STATE
30-015-31451					11/13	3/2000		Eddy	NM
DATE SPUDDED	16. DATE T.D.	REACHED	17. DATE COMPL.	(Ready to prod.	) 18. ELEVATION	OF, RKB, RT, GR, ETC	:.)*	•	19. ELEV. CASINGHEAD
	01/01/20		01/11/2002		3260				
TOTAL DEPTH, MD & T	VD 21. I	PLUG BACK T.D.,	MD & TVD	22. IF MULTIPLE HOW MANY *	COMPL.,	23. INTERVALS DRILLED BY		ROTARY TO	OOLS CABLE TOOLS
	1					United Drilling	a	Yes	
5680'	1	5640'	1						
5680' PRODUCING INTERVAL(S	S) OF THIS CO		P, BOTTOM, NAME (MI	D AND TVD)*			9	100	25. WAS DIRECTIONAL
PRODUCING INTERVAL(S			P, BOTTOM, NAME (MI	D AND TVD)*			9		
PRODUCING INTERVALS	aware	OMPLETION - TO	P, BOTTOM, NAME (MI	D AND TVD)*			<b>9</b>		25. WAS DIRECTIONAL SURVEY MADE
PRODUCING INTERVAL(S 210' - 5447' Dela TYPE ELECTRIC AND OT	AWARE	OMPLETION - TO		D AND TVD)*			<u> </u>		25. WAS DIRECTIONAL SURVEY MADE
PRODUCING INTERVAL(S 210' - 5447' Dela TYPE ELECTRIC AND OT	AWARE	OMPLETION - TO		D AND TVD)*					25. WAS DIRECTIONAL SURVEY MADE  Yes
PRODUCING INTERVAL(S 210' - 5447' Dela TYPE ELECTRIC AND OT	AWARE	OMPLETION - TO	MSCT; MP CASING	RECORD	(Report all striv		9		25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE	AWARE THER LOGS R FL; CBL;	UN GR; DSI;	MSCT; MP  CASING  DEPTH SET (MD)	RECORD HOLE S	IZE	igs set in well) CEMENTING			25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO AMOUNT PULLED
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"	aware THER LOGS R FL; CBL; WEIGHT 48	OMPLETION - TO  UN  GR; DSI;  , LB/FT. #	MSCT; MP  CASING  DEPTH SET (MD)  400'	RECORD HOLE S	2" 500 s	igs set in well)  CEMENTING SACKS COMENT	RECORD		25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED  NO  AMOUNT PULLED  Circ 102 sx cmt
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"	eware THER LOGS R FL; CBL; WEIGHT 48	OMPLETION - TO  UN ; GR; DSI; , LBJFT. #	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'	RECORD  HOLE S  17 1/2	2" 500 s	gs set in well)  CEMENTING BACKS COMENT SACKS COMENT	RECORD	27. WAS	25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED  NO  AMOUNT PULLED  Circ 102 sx cmt  Circ 162 sx cmt
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"	aware THER LOGS R FL; CBL; WEIGHT 48	OMPLETION - TO  UN ; GR; DSI; , LBJFT. #	MSCT; MP  CASING  DEPTH SET (MD)  400'	RECORD HOLE S	2" 500 s	igs set in well)  CEMENTING SACKS COMENT	RECORD	27. WAS	25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED  NO  AMOUNT PULLED  Circ 102 sx cmt
PRODUCING INTERVALAS  2.10' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"	aware THER LOGS R FL; CBL; WEIGHT 48 32	OMPLETION - TO  UN ; GR; DSI; , LBJFT. #	MSCT; MP  CASING DEPTH SET (MD)  400' 2688' 5680'	RECORD  HOLE S  17 1/2	2" 500 s	gs set in well)  CEMENTING BACKS COMENT SACKS COMENT	RECORD	27. WAS	25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED  NO  AMOUNT PULLED  Circ 102 sx cmt  Circ 162 sx cmt  TOC @ 1560'
PRODUCING INTERVALAS  2.10' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"	aware THER LOGS R FL; CBL; WEIGHT 48 32	OMPLETION - TO  UN  GR; DSI;  , lb.ft.  #  #	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'	RECORD  HOLE S  17 1/2	2" 500 s	gs set in well)  CEMENTING BACKS CEMENT SACKS CEMENT BACKS 50/50 PC	RECORD	27. WAS	25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED  NO  AMOUNT PULLED  Circ 102 sx cmt  Circ 162 sx cmt  TOC @ 1560'
PRODUCING INTERVALAS  2.10' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"	FL; CBL; WEIGHT 48 32 17	OMPLETION - TO  UN  GR; DSI;  , LBJFT.  #  #  LINER RECO  BOTTOM (MD	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD	RECORD  HOLE S  17 1/3  11"  7 7/8"	2" 500 s 1600 " 600 s	cementing sacks cement sacks cement sacks 50/50 Pc	record t oz, 165 sac	27. WAS  EKS "H"  TUBING RECO	25. WAS DIRECTIONAL SURVEY MADE  Yes S WELL CORED  NO  AMOUNT PULLED  Circ 102 sx cmt  Circ 162 sx cmt  TOC @ 1560'
PRODUCING INTERVALAS  10' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE  TOP	FL; CBL; WEIGHT 48 32 17	OMPLETION - TO  UN  GR; DSI;  LBJFT.  #  #  LINER RECO  BOTTOM (MD	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE SET (MD)	RECORD  HOLE S  17 1/3  11"  7 7/8"	2" 500 s 1600 " 600 s	egs set in well)  CEMENTING CEMENTING CACKS CEMENT CACKS CEMENT CACKS 50/50 PC  30.  SIZE  2 7/8"	RECORD  R DZ, 165 SAC	27. WAS SKS "H" TUBING RECC DEPTH SET (M 5425'	25. WAS DIRECTIONAL SURVEY MADE YES S WELL CORED NO  AMOUNT PULLED Circ 102 sx cmt Circ 162 sx cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE  TOP	FL; CBL; WEIGHT 48 32 17	OMPLETION - TO  UN  GR; DSI;  , LBJFT.  #  #  LINER RECO  BOTTOM (MD	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE SET (MD)	RECORD  HOLE S  17 1/3  11"  7 7/8"	2" 500 s 1600 s " 600 s	cementing sacks cement sacks cement sacks 50/50 Pc	RECORD  R DZ, 165 SAC	27. WAS  CKS "H"  TUBING RECO  DEPTH SET (M  5425'  VT SQUEEZE, F	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 sx cmt Circ 162 sx cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC.
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE  TOP	FL; CBL; WEIGHT 48 32 17	OMPLETION - TO  UN  GR; DSI;  LBJFT.  #  #  LINER RECO BOTTOM (ME  ACCEPT  erval, Size and	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS C  ED FOR RE	RECORD  HOLE S  17 1/3  11"  7 7/8"	2" 500 s 1600 s SCREEN (MD) 32. AC DEPTH INT	cementing sacks cement sacks cement sacks 50/50 Pc 30.  30.  \$2.7/8"  2.7/8"	RECORD  TOZ, 165 SAC	Z7. WAS  ZKS "H"  TUBING RECO DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX cmt Circ 162 SX cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  139' - 5447' (11	WEIGHT 48 32 17 (MD) (MD) 42 holes	GR; DSI;  GR; DSI;  LBJFT.  #  #  LINER RECO BOTTOM (ME  ACCEPT  erval, Size and	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS C  ED FOR RE	RECORD  HOLE S  17 1/3  11"  7 7/8"	SCREEN (MD)  32. AC DEPTH INT 5439'-54	cementing sacks cement sacks cement sacks 50/50 Pc 30.  30.  2 7/8"  2 7/8"  CID, SHOT, FRACTERVAL (MD)	RECORD  TORE, CEMEN  1000 gal 7 1	27. WAS  EKS "H"  TUBING RECO DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe;1997	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX CMT Circ 162 SX CMT TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam
PRODUCING INTERVAL(S) 210' - 5447' Dela TYPE ELECTRIC AND OT NL/LD; ALL/MC  CASING SEZE 13 3/8" 8 5/8" 5 1/2"	WEIGHT 48 32 17 (MD) (MD) 42 holes	COMPLETION - TO  UN  GR; DSI;  LBJFT.  #  #  COMPLETION - TO  COMPLETION -	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS C  ED FOR RE	RECORD  HOLE S  17 1/3  11"  7 7/8"	2" 500 s 1600 s SCREEN (MD) 32. AC DEPTH INT	cementing sacks cement sacks cement sacks 50/50 Pc 30.  30.  2 7/8"  2 7/8"  CID, SHOT, FRACTERVAL (MD)	RECORD  TURE, CEMEN  1000 gal 7 1  3000 gal 7 1	27. WAS  EKS "H"  TUBING RECO  DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe; 1997/ /2% NeFe; 3200	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX cmt Circ 162 SX cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  439' - 5447' (11	WEIGHT 48 32 17 (MD) (MD) 42 holes	COMPLETION - TO  UN  GR; DSI;  LBJFT.  #  #  CLINER RECO  BOTTOM (MD  ACCEPT  Erval, Size and  S)  ALEX	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS C  ED FOR RE  Number)  IS C. SWOBO	RECORD HOLE S 17 1/3 11" 7 7/8"	SCREEN (MD)  32. AC DEPTH INT 5439'-54	cementing sacks cement sacks cement sacks 50/50 Pc 30.  30.  2 7/8"  2 7/8"  CID, SHOT, FRACTERVAL (MD)	RECORD  TORE, CEMEN  1000 gal 7 1	27. WAS  EKS "H"  TUBING RECO  DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe; 1997/ /2% NeFe; 3200	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX CMT Circ 162 SX CMT TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  139' - 5447' (11  210' - 5308' (27	WEIGHT 48 32 17 (MD) (MD) 42 holes	COMPLETION - TO  UN  GR; DSI;  LB/FT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  S)  ALEX  PETRO	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS C  ED FOR RE  Number)  IN 1  IS C. SWOBO  LEUM ENGIN	RECORD  HOLE S  17 1/3  11"  7 7/8'  CEMENT •  CORD  DA  EER  PF	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53	gs set in well)  CEMENTING SACKS CEMENT SACKS CEMENT SACKS 50/50 PC  30.  SIZE  2 7/8"  CID, SHOT, FRACT ERVAL (MD) 47' 08'	RECORD  TURE, CEMEN  1000 gal 7 1  3000 gal 7 1  420 bbls CC	27. WAS  EKS "H"  TUBING RECO  DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe; 1997/ /2% NeFe; 3200	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX CMT Circ 162 SX CMT TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 12000# 20/40 resin
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  239' - 5447' (11  210' - 5308' (27	WEIGHT 48 32 17 (MD) (MD) 42 holes	COMPLETION - TO  UN  GR; DSI;  LB/FT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  S)  ALEX  PETRO	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS C  ED FOR RE  Number)  IS C. SWOBO	RECORD  HOLE S  17 1/3  11"  7 7/8'  CEMENT •  CORD  DA  EER  PF	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53	cementing sacks cement sacks cement sacks 50/50 Pc 30.  30.  2 7/8"  2 7/8"  CID, SHOT, FRACTERVAL (MD)	RECORD  TURE, CEMEN  1000 gal 7 1  3000 gal 7 1  420 bbls CC	27. WAS  EKS "H"  TUBING RECO  DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe; 1997/ /2% NeFe; 3200	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX CMT Circ 162 SX CMT TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  139' - 5447' (11  110' - 5308' (27	WEIGHT 48 32 17 (MD) 42 holes	GR; DSI;  GR; DSI;  LBJFT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  Si)  ALEX PETRO	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE PROPERTY OF THE PROPERT	RECORD HOLE S 17 1/3 11" 7 7/8"  CORD DA EER PF (Flowing, Gas)	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53  RODUCTION Lift, Pumping - six	e and type of pump	RECORD  TURE, CEMEN  1000 gal 7 1  3000 gal 7 1  420 bbls CC	27. WAS  27. WAS  28. WH"  TUBING RECCO DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe; 3200 /2% NeFe; 3200 /26 foam  WELL STATUS	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 sx cmt Circ 162 sx cmt TOC @ 1560'  DRD  DD) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam 10# 20/40 & 12000# 20/40 resin  (Producing or Shut-In) roducing
PRODUCING INTERVALAS  210' - 5447' Dela TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  139' - 5447' (11  110' - 5308' (27	WEIGHT 48 32 17 (MD) 42 holes	GR; DSI;  GR; DSI;  LIBJET.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  B)  ALEX  PRODU	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE MANUMENT (MANUMENT)  N	RECORD  HOLE S  17 1/3  11"  7 7/8'  CEMENT •  CORD  DA  EER  PF	SCREEN (MD)  32. AG DEPTH INT 5439'-54 5210'-53  RODUCTION Lift, Pumping - size	gs set in well)  CEMENTING SACKS CEMENT SACKS CEMENT SACKS 50/50 PC  30.  SIZE  2 7/8"  CID, SHOT, FRACT ERVAL (MD) 47' 08'	RECORD  TURE, CEMEN  1000 gal 7 1  3000 gal 7 1  420 bbls CC	Z7. WAS  Z7. WAS  Z7. WAS  Z7. WAS  Z7. WAS	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 sx cmt Circ 162 sx cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam 10# 20/40 & 12000# 20/40 resin  (Producing or Shut-In) roducing
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  439' - 5447' (11  210' - 5308' (27  *  **  **  **  **  **  **  **  **  *	WEIGHT 48 32 17 (MD) 42 holes	COMPLETION - TO  UN  GR; DSI;  LIBJET.  #  #  LINER RECO BOTTOM (MD  ACCEPT  Erval. Size and  S)  ALEX PETRO  PRODU  FURS TESTED	MSCT; MP CASING DEPTH SET (MD) 400' 2688' 5680'  RD SACKS C ED FOR RE  Number)  IS C. SWOBO DLEUM ENGIN DCTION METHOD Pumping CHOKE SIZE	RECORD  HOLE S  17 1/2  11"  7 7/8"  CEMENT *  CORD  DA  EER  PF  (Flowing, Gas)	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53  RODUCTION Lift. Pumping - size  OIL - BBL.	cementing sacks cement sacks cement sacks cement sacks 50/50 Pc 30.  30.  SIZE  2 7/8"  CID, SHOT, FRACTERVAL (MD)  47'  08'  ce and type of pump GAS - MCF.  349	RECORD  TURE, CEMEN  1000 gai 7 1  3000 gal 7 1  420 bbls CO	27. WAS  EKS "H"  TUBING RECO DEPTH SET (M  5425'  NT SQUEEZE, F  AMOUNT AND KIN /2% NeFe; 1997; /2% NeFe; 3200  22 foam  WELL STATUS  PT  WATER - BBL  42	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX CMT Circ 162 SX CMT TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam 10# 20/40 & 12000# 20/40 resin  (Producing or Shut-In) roducing GAS-OIL RATIO 23.3/1
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  439' - 5447' (11  210' - 5308' (27  *  **  **  **  **  **  **  **  **  *	WEIGHT 48 32 17 (MD) 42 holes	GR; DSI;  GR; DSI;  LB/FT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  S)  ALEX  PRODU  PRODU  FURS TESTED	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE PROPERTY OF THE PROPERT	RECORD  HOLE S  17 1/3  11"  7 7/8"  CORD  DA EER  PF  (Flowing, Gas)	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53  RODUCTION Lift. Pumping - size  OIL - BBL.	cementing sacks cement sacks cement sacks cement sacks 50/50 Pc 30.  30.  30.  SIZE  2 7/8"  CID, SHOT, FRACTERVAL (MD)  47' 08'	RECORD  1	27. WAS  EKS "H"  TUBING RECO DEPTH SET (M  5425'  NT SQUEEZE, F  AMOUNT AND KIN /2% NeFe; 1997; /2% NeFe; 3200  22 foam  WELL STATUS  PT  WATER - BBL  42	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX CMT Circ 162 SX CMT TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 12000# 20/40 resin  (Producing or Shut-In)  roducing GAS-OIL RATIO
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  139' - 5447' (11  210' - 5308' (27  **  **  **  **  **  **  **  **  **	WEIGHT  48  32  17  (MD)  42 holes  42 holes	GR; DSI;  GR; DSI;  LBJFT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  S)  PRODU  PRODU  PRODU  PRODU  ALEX PRODU  F  URS TESTED  24  ING PRESSURE  60#	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE MANAGEMENT OF	RECORD  HOLE S  17 1/2  11"  7 7/8"  CEMENT *  CORD  DA  EER  PF  (Flowing, Gas)	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53  RODUCTION Lift. Pumping - size  OIL - BBL.	cementing sacks cement sacks cement sacks cement sacks 50/50 Pc 30.  30.  SIZE  2 7/8"  CID, SHOT, FRACTERVAL (MD)  47'  08'  ce and type of pump GAS - MCF.  349	RECORD  TURE, CEMEN  1000 gai 7 1  3000 gal 7 1  420 bbls CO	Z7. WAS  SKS "H"  TUBING RECC  DEPTH SET (M  5425'  NT SQUEEZE, E  AMOUNT AND KIN /2% NeFe; 3200 /2 foam  WELL STATUS  PT  WATER - BBL  42  BBL.	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 sx cmt Circ 162 sx cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. NO OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam 10# 20/40 & 12000# 20/40 resin  (Producing or Shut-In) roducing GAS-OIL RATIO 23.3/1 OIL GRAVITY - API (CORR) 42.0
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  439' - 5447' (11  210' - 5308' (27  ATE FIRST PRODUCTION  03/16/2001  ATE OF TEST  01/11/2002  OW. TUBING PRESS.  60#  DISPOSITION OF GAS	WEIGHT  48  32  17  (MD)  42 holes  42 holes	GR; DSI;  GR; DSI;  LBJFT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  B)  ALEX PETRO  PRODU  LURS TESTED  24  ING PRESSURE	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE MANAGEMENT OF	RECORD  HOLE S  17 1/3  11"  7 7/8"  CORD  DA EER  PROD'N FOR TEST PERIOD  OIL-BBI	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53  RODUCTION Lift. Pumping - size  OIL - BBL.	ags set in well)  CEMENTING CEMENTING CACKS CEMENT SACKS CEMENT SACKS 50/50 PC  30.  SIZE  2 7/8"  CID, SHOT, FRACT CERVAL (MD) 47' 08'  GAS-MCF.  349 SS-MCF.	RECORD  1	Z7. WAS  ZY.	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 SX cmt Circ 162 SX cmt TOC @ 1560¹  DRD  ID) PACKER SET (MD)  ETC. ND OF MATERIAL USED 7# 20/40 & 119 bbls CO2 foam 10# 20/40 & 12000# 20/40 resin  (Producing or Shut-In) roducing GAS-OIL RATIO 23.3/1 OIL GRAVITY - API (CORR) 42.0
PRODUCING INTERVALAS  210' - 5447' Dela  TYPE ELECTRIC AND OT  NL/LD; ALL/MC  CASING SIZE  13 3/8"  8 5/8"  5 1/2"  SIZE TOP  PERFORATION RECORD  439' - 5447' (11  210' - 5308' (27  ATE FIRST PRODUCTION  03/16/2001  ATE OF TEST  01/11/2002  COW. TUBING PRESS.  60#	WEIGHT  48  32  17  (MD)  (MD)  42 holes  42 holes  (Sold, Used	GR; DSI;  GR; DSI;  LBJFT.  #  #  LINER RECO BOTTOM (MD  ACCEPT  erval, Size and  S)  PRODU  PRODU  PRODU  PRODU  ALEX PRODU  F  URS TESTED  24  ING PRESSURE  60#	MSCT; MP  CASING  DEPTH SET (MD)  400'  2688'  5680'  RD  SACKS OF THE MANAGEMENT OF	RECORD  HOLE S  17 1/3  11"  7 7/8"  CORD  DA EER  PROD'N FOR TEST PERIOD  OIL-BBI	SCREEN (MD)  32. AC DEPTH INT 5439'-54 5210'-53  RODUCTION Lift. Pumping - size  OIL - BBL.	ags set in well)  CEMENTING CEMENTING CACKS CEMENT SACKS CEMENT SACKS 50/50 PC  30.  SIZE  2 7/8"  CID, SHOT, FRACT CERVAL (MD) 47' 08'  GAS-MCF.  349 SS-MCF.	RECORD  1	Z7. WAS  ZY.	25. WAS DIRECTIONAL SURVEY MADE Yes S WELL CORED NO  AMOUNT PULLED Circ 102 sx cmt Circ 162 sx cmt TOC @ 1560'  DRD  ID) PACKER SET (MD)  ETC. NO OF MATERIAL USED 7# 20/40 & 12000# 20/40 resin  (Producing or Shut-In) roducing GAS-OIL RATIO 23.3/1 OIL GRAVITY - API (CORR) 42.0

TITLE Production Analyst SIGNED DATE 01/11/2002



