Form 3150-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE *
(See other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

BUREAU OF LAND MANAGEMENT

							NT-145		
WELL C	OMPLETION O	R RECOMPL	ETION REP	ORT AND LO	og *	6. IF IN	DIAN, ALLOT	TEE OR TE	RIBE NAME
					- - 	JIC	ARILLA		
1a. TYPE OF WELL				, , , , , , , , , , , , , , , , , , ,		7. UNIT	AGREEMEN	IT NAME	
	OIL WEL	r 🗌 💢 G	AS WELL 🛛	OTHER		JIC	ARILLA K	(
b. TYPE OF COMPLE	TION:						M OR LEASE		ELL NO
NEW		EEP-	DIFF.	/				. IV and, VI	-EL 140.
WELL	<u></u> ;	ΝΠ	RESVR.	OTHER		#11			
2. NAME OF OPERA	TOR			<u> </u>		9. APIN	WELL NO.		
CONOCO IN	C.					30-	039-2028	4	
3. ADDRESS OF OPI							D AND POOI		CAT
•	e, Ste. 100W M	idland Tavas	79705_450	n (915-69	86-5424)	ı	ANCO ME		
	LL (Report location cle			· · · · · · · · · · · · · · · · · · ·	30-3424)				K AND SURVEY OR
	55' FNL - 1045' FW		nce with any state	roquii entents)		ARE		OK BLOC	K AND SURVET OR
	rval reported below								
At total depth	·					E SE	C. 2, T25	N- R05V	V
		14. PERMIT N	Ю.	DATE ISSUED		12. CO	JNTY OR PA	RISH	13. STATE
							RRIBA CO		NM
15. DATE SPUDDED	16.DATE T.D. REAC	HED 17. D	ATE COMPL. (Re	ady to prod.)	18. ELEV	(DF, RKB, RT, G	R, ETC) * 1	9. ELEV.	CASINGHEAD
10-17-89 69	12-03-97		12-03-			6645' RKB			
20. TOTAL DEPTH, MD	& TVD 2	I. PLUG, BACK T.I	D. MD. & TVD	22. IF MU	LTIPLE COM	L. HOW MANY *		ERVALS DE	
7450			126'	1				TARY OLS I⊽	CABLE
7458 24. PRODUCING INTE			126'	(MD AND TYP)*			1 10	OLS X	TOOLS S DIRECTIONAL
24. PRODUCING INTE	ERVAL(S) OF THIS CO	MPLETION - TOP,	BOTTOM, NAME	(MD AND IVD)"					S DIRECTIONAL
5007' 5207'	BLANCO MESA	VEDDE						00.	(421 1000)
26. TYPE ELECTRIC								27 10/0	S WELL CORED
	AND OTHER LOGS RU	13						27. VVA	S WELL CORED
GR/CCL 28.			CASING BECO	RD (Report all strir	ann nat in wall			<u> </u>	
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTI	SET (MD)	HOLE SIZE		OF CEMENT, CEM	ENTING RECO	RD	AMOUNT PULLED
10-3/4"	24#	3	312'	13-3/4"		250 S			
7-5/8"	11.6/10.5#	3	199'	9-7/8"		1000	SX		
4-1/2			456'	4-1/2"	A 75 1	1100	S X		
29.	LINER RI				30			G RECORE)
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEME	NT SCREE	N (MD)	SIZE		SET (MD)	PACKET SET (MD)
41/2	3051 1	7456	1100			2-3/8"	7300'	(TEST)	Temp @ 5350'
			PICION	1219					
31. PERFORATION R	ECORD (Interval, size	and number)		L B2		HOT, FRACTURE			
		טע	FF0 0 F 40	ען ייי	DEPTH INTER	VAL (MD)	AMOUI	NT AND KIND	OF MATERIAL USED
			FEB 25 19	398					
SEE ATTACHED	STIMULATION SU	MMARY	z . Z51501	in nee					
ĺ		(O)	(O)NL	DUV.					
			DISTL 3						
33. *				DUCTION					
DATE FIRST PRODUC	non PRODUC		lowing, gas lift, pui	mping - size, and ty	rpe of pump)	· ·	ELL STATUS	(Producing	or shut-in)
12-03-97	1		I ppopit see	TEOT LOW SET		L.	IUT IN	001	Total 20 5:55
1		HOKE SIZE	PROD'N FOR	TEST OIL - BBL	١٥	AS - MCF	WATER -	RRF	GAS - OIL RATIO
12-03-97	24 HRS	1/2*			1	844 MCFD		1	
FLOW. TUBING	CASING PRESSUR		D 24 - HR OIL	- BBL	GAS - MC	F W	ATER - BBL		OIL GRAVITY - API
PRESS	050#	RATE		a			1	[9	(CORR)
210#	250#			- 0 9	844	MCFD			
34. DISPOSITION OF	GAS (Sold, used for fu	el, vented, etc.)		COKE		TE	EST WITNE	SSED BY	
VENTED			R	<u> </u>					
35. LIST OF ATTACH	MENTS		160 10						
SUMMARY			CEPTED FOR S						
36. I hereby certify that	nt the foregoing and atta	ched information is	complete and cor	rect as determined	from all availa	ble records			
	6	1 6	•						
SIGNED 4	extern de	La . sale		TITLE CVINA	LIOUNICON	An Anna 4 C	onooc Inc	DATE	01/05/07
JOHED _~	1 -00	- 111111	<u></u>	TITLE SYLVIA	NOGNITUE	, As Agent for C	UNUCO INC.	DATE	01/05/97

37. SUMMARY OF POROUS depth interval tested, cust	S ZONES: (Show all important thion used, time tool open, flowing	zones of porosity and contents ng and shut-in pressurs, and re-	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressurs, and recoveries):	38.	GEOLOGIC MARKERS	
FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC.	NAME	21	T0P
					MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	2930	
				Cliff House	4633	
				Point Lookout	5160	
				Gallup	6347	
				Base Greenhorn	7160	
		-		Dakota	7190	
		•				

CONOCO INC. JICARILLA K #11 API # 30-039-20284 SEC 02 T25N - R05W UNIT LETTER "E"

1455' FNL - 1045" FWL

MIRU. Csg. 700 psi and tbg 650 psi. NDWH & NUBOP. Ran 3 jts. to tag (DID NOT TAG). 11/17/97 POOH with 2-3/8" tbg. Tally out, total tally 7394'. Tbg was landed @ 7308'. Will tag and clean out with gas later if needed.

11/18/97 RU BJ, ran Gamma strip log. RIH set Hallib Fas Drill Plug @ 5350'. Load hole with 1 % KCI water, and test to 1000 psi. OK. Perf MENEFEE/POINT LOOKOUT w/ 3-1/8" HSC w/ .32" holes size. Perf @ 5007-09-11-13-15-5178-80-82-84-5200-02-04-06-08-12-14-16-18-20-30-32-34-36-38-62-64-66-68-70-85-8793-95-97. Total holes 34. Pressure csg to 1000 psi while perforating. Perfs broke down and could pump in @ 750 psi. RIH w/ Hallib 4-1/2" pkr and 2-3/8" tbg, to 4900'.

RIH and set pkr @ 5327'. Test tbg, pkr and plug to 3000 psi. OK. Release pkr and pull up to 4900'. Set pkr and pressure backside to 500 psi. Acidized with 500 gals 15% HCl acid w/ 50 ball sealers 1.3 SG. Pumped @ 5 bpm avg. rate @ 2100 psi avg. pressure. Max pressure 2800 psi. Good ball action, did not ball off. ISIP 1400 psi. Release pkr and POOH w/ 2-3/8" tbg and pkr. RIH w/ Hallib 4-1/2" double cup seal assy, 3 jts 2-7/8" tbg, Hallib 7-5/8" pkr and 3-1/2" tbg. Set 7-5/8" pkr @ 3021' and bottom seal assy @ 3116'. Test backside to 500 psi. OK.

RU BJ to frac. Fraced (MV) Menefee/Point Lookout w/ 70,000# of 20/40 AZ sand and 6,000# 11/20/97 of 20/40 SDC sand. Total sand pumped 76,000#. Total fluid pumped 1412 bbls of 15# X-Linked gel. Avg. rate 34 BPM @ 2600 psi avg. pressure. Max pressure 2980 psi. Max sand conc. 3#/ Gal. ISIP 900 psi. 15 min 400 psi.

Release Hallib pkr. POOH w/ 3-1/2" tbg, Hallib 7-5/8" pkr, 3 jts 2-7/8" tbg and 4-1/2" Hallib Fas 11/21/97 Drill Plug @ 4000'. Tested csg and plug to 1000 psi. OK. RIH w/ 3-1/8" HSC gun. Perf Chacra @ 3873-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99 w/ 2 SPF. Total holes 52. Pressure up to 1000 psi. Perfs broke down. RIH w/ 4-1/2" Hallib double cup seal assy, 3 jts 2-7/8" tbg, Hallib 7-5/8" pkr, and 3-1/8" tbg. Set pkr @ 3021' and seal assy @ 3116'.

RU BJ. Pressure backside to 500 psi.-OK. Pumped 200 gals 15% HCl acid @ 7.9 BPM avg. 11/24/97 rate @ 960 psi avg. pressure. ISIP 730 psi, 15 min 220 psi. Fraced Chacra w/ 74,940# of 20/40 AZ sand and 6,500# of 20/40 SDC sand. Avg. treating pressure 3400 psi, avg. treating rate 10.5 bpm. Max pressure 3500 psi. Total fluid pumped 51,665 gals. Of 1% KCl water, w/ 77,800 SCF of N2. ISIP 2300 psi.

11/25/97 Tbg press 1530# RU choke manifold vent lines compressors start flow back tbg press down to 560# recovered 100 bbls HSO will flow back tonight.

Csg and Tbg press 75# well flowed thru. 1/2" choke 470 MCFD end of tbg 3021' made 1 bbls of 11/26/97 H20 fluid kill well 20 bbls 1% KCl release pkr POOH w/ 96 jts 3-1/2" frac string 7-5/8" treating pkr 3 jts 2-7/8" tbg 4-1/2" seal assembly RU blewey line.

580# csg press. Flow back well RIH w/ milling tool 2-3/8" tbg. Tag fill 3920' 80' of fill on plug 11/28/97 no perfs covered. Pull up tbg to 7" csg.

580# csg press flow well down RIH milling tool tag fill 3920' clean out to 4000' mill out plug 11/29/97 took 15 min, lots of press below plug flow well making lots of sand and water recovered 100 bbls H20 well stop making sand very little water pull tbg up into 7" csg.

CONOCO INC. JICARILLA K #11 API # 30-039-20284 SEC 02 T25N - R05W UNIT LETTER "E" 1455' FNL - 1045" FWL (CONT.)



12/02/97 Well flowed csg press 250# tbg 210# stabilized pressure. Made 1 bbls oil 1bbls H20 1314 MCF/24 hrs. end of tbg 5010' RIH milling tool tag fill 5300' clean to plug 5350' mill out plug flow back well making some sand clean up well POOH w/ milling tool RIH saw tooth collar SN 500' of 2-3/8" tbg. Will land 2-3/8" @ 7300'.

12/03/97 Csg press 780# tbg press 640# open tbg well flowed real strong use 60 bbls 1% KCl to kill well RIH tbg tag fill 7370' 56' of fill 38' of DK. Perfs covered start cleaning fill.

12/04/97 Csg press. 760# tbg press 670# blow well down RIH tag fill 7355' made 15' of new fill clean fill to 7420' circ. hole pull up tbg RIH tbg tag no new fill pull up tbg to mid perfs. Landed SN @ 7360' SWI.

12/05/97 Csg press 760# tbg 740#. Blew well down. Use 20 bbls 2% KCl to kill tbg. NDBOP. NUWH. Charge up csg to 800#. Well would not come around. RU swab & made one swab run. Well cam in & cleaned up to pit. Put well on production. Put 1.5" orfice plate in meter run. Tbg 600# csg 640# 1340 MCFD.

Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side)

FORM APPROVED OMB NO. 1904-01/37 Expires: February 28, 1995

											ION AND	SERIAL NO.
									CONT			
WELI	_ COMPLETIC	N OR I	RECOMPL	LETION R	EPOR'	T AND LO)G *				TEE OR 1	TRIBE NAME
4				·					<u>IICAR</u>			
1a. TYPE OF WELL		WELL [٦ ,	240.445.1		ATUE		7. L	JNIT AG	REEMEN	TNAME	
		MAERY [SAS WELL		OTHER		J	IICAR	ILLA K		
b. TYPE OF COMI		DEE	n	DIEE				8. F	ARM O	R LEASE	NAME, W	ÆLL NO.
NEW WELL ∵i	WORK ∕ OVER 15⁄3	DEEI EN [P-	DIFF RESVR.	\sim	OTUED		_ ±	‡ 11			
2. NAME OF OPE		EIN		RESVR.	Щ	OTHER						
	(NPI WEL			
3. ADDRESS OF C										9-2028		
			~					i i		ND POOL		DCAT
10 Desta D	rive, Ste. 100V					(915-68	6-5424)			O CHA		
4. LOCATION OF	WELL (Report location 1455' FNL - 1045	on clearly a 'ENAIL I	and in accorda. Linit e	nce with any S	state requi	irements) "			SEC., T. NREA	, R., M .,	OR BLO	CK AND SURVEY OR
	nterval reported I		ONITE					'	NEA		e ent	
At total depth	•							ES	SEC.	2, T25N	V- R05	W
			14. PERMIT N	10.	DATE	E ISSUED	· · · · · · · · · · · · · · · · · · ·	12.	COUNT	Y OR PAR	RISH	13. STATE
										IBA COL		NM
15. DATE SPUDDED		REACHE		ATE COMPL.			18. ELEV. (D	F, RKB, RT	, GR, E			/. CASINGHEAD
10-17,01 €		7-97		-3-9714			66346L	645' RKB				
20. TOTAL DEPTH, I	MD & TVD	21. PL	.UG, BACK T.I	D. MD. & TVD		22. IF MUL	TIPLE COMPL.	HOW MAN	Y* 2			RILLED BY
74	58'		7.	106'							ARY	CABLE
24. PRODUCING IN		S COMPLI		BOTTOM NA	ME (MD)	AND TVD*				TOC		
	112.117.12(0) 01 11.11	0 00m. E	E11011 - 101 ,	DOTTON, NO	MAIL (IAID)	AND IVU)				ŀ		AS DIRECTIONAL RVEY MADE
3873' - 389	9' OTERO CH	ACRA								1		NVE! WILDE
26. TYPE ELECTRI							.				27 W4	AS WELL CORED
GR/CCL										l	27. 107	NO TIELE CONED
28.				CASING RE	CORD (F	Report all string	s set in well)			t		
CASING SIZE/GRADI				SET (MD)		HOLE SIZE		F CEMENT, C		NG RECOR	(D	AMOUNT PULLED
10-3/4"	24	·		312'	-	13-¾") SX			
7-5/8"	11.6/1	0.5#		199'		9-7/8"			0 SX			
4-1/2"				456'		4-1/2"		110	0 SX			
29. SIZE	TOP (MD)	R RECO	TTOM (MD)	SACKS CE	EMENT .	SCREEN	(MD)	SIZE	Т	TUBING DEPTH S	RECOR	PACKER SET (MD)
41/2	305-1		56 DI		100	T CONTECTION	(4.5)	2-3/8"			10'	Temp. @ 5350'
	,	1		\$105	TIN	E			-	73		1 cmp. @ 0000
31. PERFORATION	RECORD (Interval,	size and n	umber)		UV	4521)	ACID. SHO	T, FRACTU	JRE. CE			FTC
			<u>III</u>	FED 2	E 400	י נען ג	DEPTH INTERVAL					D OF MATERIAL USED
				FEB 2	o 199							
SEE ATTACHED	STIMULATION	SUMM	ARY OD	i Gas	vı –							
			WIII	7 (20)	No 19							
				DIST	. 3					-		
33. *				F	PRODUCT				L.			
DATE FIRST PRODU		DUCTION WING	METHOD (FI	owing, gas lift,	pumping	- size, and typ	e of pump)				Producing	or shut-in)
DATE OF TEST	HOURS TESTED		Œ SIZE	DDOO'N E	NO TEOT	LON DO		1	SHUT			· · · · · · · · · · · · · · · · · · ·
		CHOK		PROD'N FO	JK IESI	OIL - BBL		- MCF	l	VATER - B	BBL	GAS - OIL RATIO
11-26-97	24 HRS		1/2"	<u> </u>	→	0		170 MCFD		1		
FLOW. TUBING PRESS	CASING PRES	SURE	CALCULATE RATE		OIL - BBL		GAS - MCF		WATER	R - BBL		OIL GRAVITY - API
210#	250#			→		200	470 MC	ED		1		(CORR)
34. DISPOSITION			and ata l		- 26	(D)**	470 1010	,FU	TEAT		055	
VENTED	o, ono (3010, 0 38 0	ioi iuei, Ve	meu, etc.)	رم.	tOK,				IES1	WITNES	SED BY	
35. LIST OF ATTAC	HMENTS			CEPTEN	·		 					
				→ CCEPTED								
SUMMARY		d _ da ^										
36. I hereby certify	uiat uie toregoing an	aπached	information is	complete and	correct as	s determined fr	om all available	records				
SIGNED	Sale	1	l -									
SIGNED	ropully.	· Km	mair		TITL	E CVIVIA	IOHNSON A	· Annat for	Conor	oo Inc	DATE	04/05/07

urs, and recoveries):
BOTTOM DESCRIPTION, CONTENTS, ETC.
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CONOCO INC. JICARILLA K #11 API # 30-039-20284 SEC 02 T25N - R05W UNIT LETTER "E" 1455' FNL - 1045" FWL



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11/24/97 RU BJ. Pressure backside to 500 psi.-OK. Pumped 200 gals 15% HCl acid @ 7.9 BPM avg. rate @ 960 psi avg. pressure. ISIP 730 psi, 15 min 220 psi. Fraced Chacra w/ 74,940# of 20/40 AZ sand and 6,500# of 20/40 SDC sand. Avg. treating pressure 3400 psi, avg. treating rate 10.5 bpm. Max pressure 3500 psi. Total fluid pumped 51,665 gals. Of 1% KCl water, w/ 77,800 SCF of N2. ISIP 2300 psi.

11/25/97 Tbg press 1530# RU choke manifold vent lines compressors start flow back tbg press down to 560# recovered 100 bbls HSO will flow back tonight.

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