Form 3160-4

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other In-structions on reverse side)

FOR APPROVED OMB NO. 1004-013

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL **SEC** SF-078917

TYPE OF WELL						l h	E CRIME and Ington Fie	
	OIL, WELL	GAS WELL X	DRY Other			runm- 79	SHI GIB REW OF Land M	
TYPE OF COMPLETI	ION					7 UNIT AGREEMENT SAN JU	AN 29-5 UNIT	
NEW X	WORK DEEP-	PLUG BACK	DIFF RESVR Other			8 FARM OR LEASE N		
**************************************							90N	
NAME OF OPERATO	_					9 API WELL NO		
ConcoPhill ADDRESS AND TELE	ips Company					30-0 10 FIELD AND POOL	39-30672 	
	erhone No 9, Farmington, NM	1 87499 (505)	326-9700			BASIN DAKOTA		
LOCATION OF WELL			11 SEC, T, R, M, OR BLOCK AND SURVEY					
At surface UN	IIT F (SENW) 2431	' FNL & 1706' FW	L			OR AREA		
	and and the state of	LIBUT F (CVA/AUAA)	7540! ENU 9 200	. E.A.		SEC 25	TOON DEW	
At top prod interval re	еропеа реюм	UNIT E (SWNW)	2549 FNL & 300	FVVL		SEC. 35, T29N, R5W		
At total depth UN	IIT E (SWNW) 254	9' FNL & 300' FWI	-					
		14.	PERMIT NO.	DATE ISSUEI)	12. COUNTY OR	13 STATE	
		' ''		D/112 1000E1		PARISH		
DATE SPUDDED 16	DATE T D REACHED	17 DATE COM	PL (Ready to prod)	1.	18 ELEVATIONS (DF, R	Rio Arriba	New Mexico 19 ELEV CASINGHEAD	
8/11/11	10/28/11	l l	11/22/11 - GR			/ KB-7,477'	I S ELEV CASHYGREAD	
TOTAL DEPTH, MD &TV		ACK T D , MD &TVD	22 IF MULTIPLE CO	MPL,	23 INTERVALS	ROTARY TOOLS	CABLE TOOLS	
9,095'-MD/8,826'-1	TVD 9 083'-	MD/8,814'-TVD	HOW M/		DRILLED BY	yes	1	
PRODUCTION INTERVA			L		,	25 WAS DIREC		
BASIN DAKOTA	A - 8,947' - 9,015	•				SURVEY N	MADE YES	
TYPE ELECTRIC AND C						27 WAS WELL CORED		
GR/CCL/CBL							No	
			ASING RECORD (F					
9 5/8", H-40	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE 12 1/4"		ENT, CEMENTING RECO Ce, 118 sx(180cf)	DRD A	AMOUNT PULLED 1/2 bbl	
J J/U , 17-4U	32.3	231	12 1/4		e, 728 sx (1532cf)		1/2 001	
7", J-55	23	4,974'	8 3/4"		e Tool @ 4,323'		30 bbl	
4 1/2", L-80	11.6#	9,086'	6 1/4"	31		1709		
	LINER RE	SACKS CEMENT*	SCREEN (MD)	30 SIZE	DEPTH SET	TUBING RECOR	PACKER SET (MD)	
SIZE TOP (MD)	I BOTTOM (MD)		35 (IVID)	2 3/8", 4.7		···-/		
SIZE TOP (MD)	BOTTOM (MD)							
		has	laa	L-80	9,003		ETO.	
PERFORATION RECOR		ber)	32 8.947' -	L-80	9,003' O, SHOT, FRACTURE	, CEMENT SQUEEZE		
PERFORATION RECOR	RD (Interval, size and num	ber)	32 8,947' -	L-80 ACIE 9,015'	9,003' o, SHOT, FRACTURE Acidize w/ 10 bbls		rac w/ 92,820 gal	
PERFORATION RECOR cota w/ .34" diam PF @ 8,947' - 9,015	RD (Interval, size and num	ber)		L-80 ACIE 9,015'	9,003' o, SHOT, FRACTURE Acidize w/ 10 bbls	, CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E	rac w/ 92,820 gal	
PERFORATION RECOR kota w/ .34" diam PF @ 8,947' - 9,015	RD (Interval, size and num	ber)		L-80 ACIE 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam	, CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E	rac w/ 92,820 gal Brady Sand.	
PERFORATION RECOR	RD (Interval, size and num	ber)		L-80 ACIE 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam	, CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E	rac w/ 92,820 gal	
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PERFORATION RECOR	RD (Interval, size and num	ber)		L-80 ACIE 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam	, CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E	rac w/ 92,820 gal Brady Sand.	
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PERFORATION RECOR akota w/ .34" diam SPF @ 8,947' - 9,015 DTAL HOLES: 42	ED (Interval, size and num 5' ≈ 42 Holes		8,947' -	L-80 ACID 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	, CEMENT SQUEEZE : 15% HCL Acid. F w/ 32,500# 20/40 E	RCVD DEC 21'11 OIL CONS. DIV.	
PERFORATION RECOR skota w/ .34" diam SPF @ 8,947' - 9,018 DTAL HOLES: 42	RD (Interval, size and num 5' ≈ 42 Holes	CTION METHOD (<i>Flowin</i>	8,947' -	L-80 ACID 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	, CEMENT SQUEEZE : 15% HCL Acid. F w/ 32,500# 20/40 E	RCUD DEC 21'11	
PERFORATION RECOR kota w/ .34" diam SPF @ 8,947' - 9,018 STAL HOLES: 42	RD (Interval, size and num 5' ≈ 42 Holes	CTION METHOD (Flowin DWING	8,947' -	L-80 ACIE 9,015' ODUCTION ze and type of pum	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	, CEMENT SQUEEZE : 15% HCL Acid. F w/ 32,500# 20/40 E	RCVD DEC 21'11 OIL CONS. DIV.	
PERFORATION RECOR kota w/ .34" diam SPF @ 8,947' - 9,015 ITAL HOLES: 42	D (Interval, size and num 5' ≠ 42 Holes PRODUC FLC HOURS TESTED	OTION METHOD (Flowin DWING CHOKE SIZE PRO TES	8,947' -	L-80 ACID 9,015'	9,003' D, SHOT, FRACTURE Acidize W/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E	RCUD DEC 21 '11 OIL CONS. DIV. DIST. 3	
PERFORATION RECOR kota w/ .34" diam sPF @ 8,947' - 9,018 TAL HOLES: 42 TE FIRST PRODUCTION 11/22/11 - GRS TE OF TEST	PRODUCES PRODUCES FLO HOURS TESTED	ETION METHOD (Flowin) WING CHOKE SIZE PROTES 1/2	9,947' - PRIG, gas lift, pumping-si	L-80 ACID 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E WELL STATUS SI WATER-BBL 0	RCVD DEC 21 '11 OIL CONS. DIV. DIST. 3 (Producing or shut-in)	
PERFORATION RECOR kota w/ .34" diam PF @ 8,947' - 9,015 TAL HOLES: 42 E FIRST PRODUCTION 11/22/11 - GRS E OF TEST	D (Interval, size and num 5' ≠ 42 Holes PRODUC FLC HOURS TESTED	ETION METHOD (Flowin) WING CHOKE SIZE PROTES 1/2	8,947' - PR g, gas lift, pumping-si	L-80 ACID 9,015'	9,003' D, SHOT, FRACTURE Acidize W/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	CEMENT SQUEEZE 15% HCL Acid. F w/ 32,500# 20/40 E WELL STATUS SI WATER-BBL 0	RCUD DEC 21 '11 OIL CONS. DIV. DIST. 3	
PERFORATION RECOR kota w/ .34" diam SPF @ 8,947' - 9,015 TAL HOLES: 42 TEFIRST PRODUCTION 11/22/11 - GRS TE OF TEST 11/28/11 W TUBING PRESS SI-692psi	PRODUCT S FLC HOURS TESTED CASING PRESSURE S1-620psi	CTION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2 CALCULATED C 24-HOUR RATE	9,947' - PRIG, gas lift, pumping-si	L-80 ACID 9,015'	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	WELL STATUS SI WATER-BBL 0	RCUD DEC 21 '11 OIL CONS. DIV. DIST. 3 (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)	
PERFORATION RECOR kota w/ .34" diam SPF @ 8,947' - 9,015 ITAL HOLES: 42 TE FIRST PRODUCTION 11/22/11 - GRS TE OF TEST 11/28/11 DW TUBING PRESS SI-692psi	PRODUCT S PRODUCT HOURS TESTED 1 CASING PRESSURE SI-620psi (Sold, used for fuel, ventile)	CTION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2 CALCULATED C 24-HOUR RATE	9,947' - PR 19, gas lift, pumping-si T PERIOD IL-BBL	L-80 ACID 9,015' ODUCTION ze and type of purm	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	WELL STATUS WATER-BBL O	RCUD DEC 21 '11 OIL CONS. DIV. DIST. 3 (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)	
PERFORATION RECOR Akota w/ .34" diam SPF @ 8,947' - 9,015 OTAL HOLES: 42 3 TE FIRST PRODUCTION 11/22/11 - GRS TE OF TEST 11/28/11 DW TUBING PRESS	PRODUCT S FLC HOURS TESTED 1 CASING PRESSURE SI-620psi (Sold, used for fuel, ventual) To be sold	CTION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2 CALCULATED C 24-HOUR RATE	9,947' - PR 19, gas lift, pumping-si T PERIOD IL-BBL	L-80 ACID 9,015' ODUCTION ze and type of purm	9,003' D, SHOT, FRACTURE Acidize w/ 10 bbls 70Q N2 Slickfoam N2: 1,999,100 scf.	WELL STATUS SI WATER-BBL 0	RCUD DEC 21 '11 OIL CONS. DIV. DIST. 3 (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)	
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API# 30-039-30672			SAN JUAN 29-5 UNIT #90N		
Ojo Alamo	3954'	4119'	White, cr-gr ss.	Ojo Alamo	3954'
Kirtland	4119'	4435'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	4119'
Fruitland	4435'	4675'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	4435'
Pictured Cliffs	4675'	4861'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	4675'
Lewis	4861	5322'	Shale w/siltstone stringers	Lewis Lewis	4861'
Huerfanito Bentonite	5322'	5662'	White, waxy chalky bentonite	Huerfanito Bent.	5322'
Chacra	5662'	6273'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	5662'
Mesa Verde	6273	6563'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	6273'
Menefee	6563'	6866'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	6563'
Point Lookout	6866'	7276'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6866'
Mancos	7276'	8082'	Dark gry carb sh.	Mancos	7276'
Gallup	8082'	8828'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	8082'
Greenhorn	8828'	8878'	Highly calc gry sh w/thin lmst.	Greenhorn	8828'
Graneros	8878'	8945'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8878'
Dakota	8945'	9095'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8945'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

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