Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Evnires: November 30, 200

5. Lease Serial No.

CE	070001
<b>\+-</b>	078281

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE -	Other instructions of	n reverse side	7. If Unit or	CA/Agreement, Name and/of 110.
1. Type of Well				29-5 Unit
Oil Well X Gas Well Other			8. Well Nam	e and No.
2. Name of Operator		•	SJ 29-5 L	
Phillips Petroleum Company		3b. Phone No. (include area of	9. API Well (2004) 30-039-26	
<ol> <li>Address</li> <li>5525 Highway 64, NBU 3004, Farmingt</li> </ol>	on NM 87401	505-599-3454		d Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Surve	ry Description)			
Unit I, 1971' FSL & 827' FEL	•			& Blanco MV
Section 18, T29N, R5W			1	or Parish, State
			Rio Arri	
12. CHECK APPROPRI	ATE BOX(ES) TO I	NDICATE NATURE OF NOTIC	E, REPORT, OR OTHER	DATA
TYPE OF SUBMISSION	OF ACTION			
	Acidize	Deepen	Production (Start/Resume	Water Shut-Off
Notice of Intent		Fracture Treat	Reclamation	Well Integrity
X Subsequent Report	Alter Casing		Recomplete	X Other Spud Report
V 2mondament	Casing Repair	New Construction	Temporarily Abandon	<u> </u>
Final Abandonment Notice	Change Plans	Plug and Abandon		
<del></del>	Convert to Inject	tion Plug Back	Water Disposal	
2/7/0 MIRU Key Energy #47. Spu 32.3#, H-40 casing and set @ 355 200 sx (282 cf - 50.22 bbls slur Plug down 0530 2/8/01. Circulat	'. RU to cemen	t. Pumped 10 bbis mu aC12, 0.25#/sx Cello- nt to surface. WOC.	d Clean, 10 bbis of flake. Displaced	w/25 bbls water.
			- CALALA	
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		Title	egulatory/Proratio	n Clark
- Al Donat	Patsy Clugsto			II OTOTA
+ alsy (lugs)	- 	Date 2/13/0		ACCEPTED FOR RECORD
/ TH	IIS SPACE FOR FE	EDERAL OR STATE OFFI	CE USE	
Approved by		Title		Date FEB 2 0 2001
Conditions of approval, if any, are attached. Approval certify that the applicant holds legal or equitable title which would entitle the applicant to conduct operations there	to those rights in the	warrant or Office subject lease		FARMINGTON FIELD OFFICE
which would entitle the applicant to conduct operations there  Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Sec  States any false, fictitious or fraudulent statements or repres	etion 1212, makes it a cr	rime for any person knowingly an	d willfully to make to any	

							/		
Form 3160-5 (August 1999)		ED STATES				<b>/</b>		APPROVE	
(riugust 1999)		OF THE INTERIO					OMB NO Expires: No	D. 1004-01: vember 30.	
		AND MANAGEME	67	8910		5.	Lease Serial No		
	SUNDRY NOTICES		WELLS.		`	SF-	078281		
	abandoned well. Use Fo	r proposals to drill or to	rbrenter an Tar ich prop <b>MAD</b> 2	004	<u> </u>	6.	If Indian, Allotte	e or Tribe N	ame
			PEOCH 2	JU1 (	4	200	FEB 22	AM O-	110
	SUBMIT IN TRIPLICATE -	Other instructions	on re <b>Vers</b> GON	DiV (	7		If Unit or CA/Ag		
1. Type of Well		- C	DIST.	3 3	<del>/</del> —		. luan 20 E	خلامان	
	Gas Well Other	T.	ع م	3.60.	7		1 Juan 29-5 Well Name and I		
2. Name of Operator			ERETT!	1 De la constante	-		00 5 11 11	<b>"</b>	
Phillips Petrol	eum Company			عمنا			29-5 Unit API Well No.	#68M	
3a. Address	NDU 2004 F	NIA 07404	3b. Phone No.	•	ea code)	į.	039-26577		
	, NBU 3004, Farmingt		<u>  505-599-3</u>	1454		10.	Field and Pool,	or Explorate	ory Area
Unit I, 1971' F		y Description)				Bas	in DK & B1	anco MV	
Section 18, T29							County or Paris		
									NM
12	CHECK APPROPRI	ATE BOX(ES) TO I	NDICATE NATU	JRE OF NO	TICE, RE	PORT, OR	OTHER DATA		
TYPE OF S	SUBMISSION	-		TYP	E OF AC	CTION			
Notice o	f Intent	Acidize	Deepen			oduction (Star	t/Parima)	Water Shu	
Notice o	Mont		Fracture	Tares	$\equiv$		o Restrine)		
X Subseque	ent Report	Alter Casing	$\equiv$		一	eclamation .		Well Integr	nty
		Change Repair	$\equiv$	nstruction		ecomplete	<u></u>	Other	
Final Ab	pandonment Notice	Change Plans		i Abandon		emporarily Ab	4-	1/2" ca	sing
		Convert to Inject	ion Plug Ba	:k	LJ **	ater Disposal	<u>re</u>	port	
If the proposal is to Attach the Bond und following completion testing has been con	r Coommpleted Operation (clear deepen directionally or recomp er which the work will be per of the involved operations. If npleted. Final Abandonment N lal site is ready for final inspection	lete horizontally, give so formed or provide the l the operation results in otices shall be filed on	ubsurface locations Bond No, on file a multiple comple	and measure with BLM/B etion or recor	ed and tr IIA. Requ mpletion i	ue vertical de uired subsequi in a new inte	epths of all pert ent reports shall erval, a Form 3	inent marke be filed w 160-4 shall	rs and zones. ithin 30 days be filed once
TD reached 2/ to cement. P (330 cf - 58. Gilsonite, 0. 5#/sx Gilsoni  Pumped 10 bbl 6% Bentonite, Free. Tail - bbls H2O. Pu	/6-1/4" bit & tagged 16/01. Circ. hole. umped 10 bbls KCL, 1 77 bbl slurry) Class 25#/sx Cello-flake. te. 0.3% FL-25. Int KCl w/dye ahead of 3% KCl, 10#/sx CSE, 50 sx (70 cf - 12.4 mped down @ 1806 hrs off casing. RD & r	RIH w/4-1/2", 10 bbls gel wate 13 H, 35/65 POZ, Tail - 50 sx ( Flated ECP & dro 2nd Stage Lead 10.4% FL-25, 5# 16 bbls slurry) 15 2/15/01. Had	11.6# I-80 er & 10 bbls 6% Bentonit 63 cf - 11. coped DV too - 85 sx (20 f/sx Gilsoni Type 3, 0.2 5 bbls ceme	casing a dye wat te, 10#/s 21 bbl s oper 22 cf - 3 te, 0.25 dent from	and set cer ahe sx CSE, slurry; ned w/1 as5.97 t s#/sx ( ello-fl 1st st	t @ 8041 ed of 1st , 0.3% CC ) Class H 1425 psi bbl slurr Cello-fla lake, 1% tage to s	w/DV tool c Stage Lea J-32, 0.7% H, 0.25#/sx ry) Type 3, ake, 0.02#/ CaCl2. Dissurface. N	@ 5295 ad - 155 FL-52, CCello- 35/65 /sx Stat isplaced ND BOP,	FOZ, flake, flake, roz, sic lw/82 set
14. I hereby certify that the Name (Printed Typed)	Olusita	Patsy Clugston	Date	2/21/	01		oration Cle		
Approved by			Title				MAR (	5 200	1
Conditions of approval, if	any, are attached. Approval of	f this notice does not v	varrant or Office						
certify that the applicant h	olds legal or equitable title to cant to conduct operations thereor	those rights in the sub	nject lease				FARMINGTON BY		

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5	UNITI	ED STATES			FORM A	APPROVED
(August 1999)	DEPARTMENT		). 1004-0135 /ember 30, 2000			
	BUREAU OF LA	5. Lease Serial No.				
	SUNDRY NOTICES	AND REPORTS O	N.WELLS 7		SF-078281	
	Do not use this form fo	proposals to drill or to	Senter an O		6. If Indian, Allottee	or Tribe Name
	abandoned well. Use Fo	m 3160-3 (APD) for sug		2001 FEB	22 AM 8: 49	)
	<del> </del>		MAR 2001	2001.13	<del> </del>	reement, Name and/or No.
	SUBMIT IN TRIPLICATE -	Other instructions of	n fe <b>va</b> lselside.		]	,
1. Type of Well		38.3	ONL CON. DIV DIST. 3	5- <b>1</b>	San Juan 29-5	
Oil Well	X Gas Well Other	150	-101.3	<u> </u>	8. Well Name and N	ło.
2. Name of Opera	ator Petroleum Company	J. C.	Ex (2 2 2 20) 81 35		SJ 29-5 Unit	#68M
3a. Address	etro reulii collipariy		3b. Phone No. (include of	area anda)	9. API Well No.	
	way 64, NBU 3004, Farmingt	on. NM 87401	505-599-3454	area coaej	30-039-26577 10. Field and Pool,	or Exploratory Area
	ell (Footage, Sec., T., R., M., or Surve		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		10. Field and Fooi,	of Exploratory Area
Unit I, 19	771' FSL & 827' FEL	·			Basin DK & Bl	anco MV
Section 18	B, T29N, R5W				11. County or Paris	·
					Rio Arriba,	NM NM
-	12. CHECK APPROPRI	ATE BOX(ES) TO IN	DICATE NATURE OF N	OTICE, REPORT,	OR OTHER DATA	
TY	PE OF SUBMISSION		TY	PE OF ACTION		
	Notice of Intent	Acidize	Deepen	Production	n (Start/Resume)	Water Shut-Off
C=1		Alter Casing	Fracture Treat	Reclamation	on 🔲	Well Integrity
[X]	Subsequent Report	Casing Repair	New Construction	Recomplet	te X	Other
	Final Abandonment Notice	Change Plans	Plug and Abandon	Temporari	ily Abandon 7"	casing report
ш	Pinai Abandonment Nonce	Convert to Injection	on Plug Back	Water Dis	posal	oud itis topot o
If the propo Attach the l following co testing has	oposed or Coommpleted Operation (clear osal is to deepen directionally or recomp Bond under which the work will be per ompletion of the involved operations. If been completed. Final Abandonment N hat the final site is ready for final inspection	lete horizontally, give su formed or provide the B the operation results in otices shall be filed only	bsurface locations and meas ond No. on file with <b>BLM</b> a multiple completion or re-	sured and true verti I/BIA. Required su completion in a ne	ical depths of all perti absequent reports shall w interval, a Form 31	inent markers and zones. be filed within 30 days 160-4 shall be filed once
	RIH w/8-3/4" bit & tagged					
hole. F	RIH $w/7$ ", 20#, K-55 casing	and set @ 3798	'. RU to cement.	Pumped 10	blbs water & 1	LO bbls mud
clean, 1 5#/sx G <sup>-</sup> Free.	then 10 bbls dye water ahe ilsonite, 0.25#/sx Cello-1	ead of Lead - 50 Take, 6% Benton	0 sx (1190 cf - 2 ite, 10#/sx CSE, :	11.93 bbl sl 3% KCl, 0.4%	urry) Type 3 3 FL-25, 0.02#/	35/65 POZ, 'sx Static
H20. P	50 sx (70 cf - 12.46 bbl : lug down @ 1804 hrs 2/11/0 ing. NU BOP PT - OK. PT	1. Circ. 20 bb	ls good cement to	surface. N	D BOP. Set sl	

<ol> <li>I hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> </ol>	Title	
Patsy Clugston	Sr. Regulatory/Pr	roration Clerk
Tatser (legotor	Date 2/21/01	ACCEPTED FOR R
THIS SPACE FOR FEDER	RAL OR STATE OFFICE USE	
Approved by	Title	Date MAR 0 5 20(1)
Conditions of approval, if any, are attached. Approval of this notice does not warr certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	ant or Office	FARMINGTON BY
701 10 11 0 C C C 1001 1 701 10 10 C C C 1010 1 1 1	1 1 1 1 1 1 1	of the United

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5

### **UNITED STATES**

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 200

DEIMIN	_				
BUREAU	OF LAND MANAGEMENT			5. Lease Serial No.	
SUNDRY NOTI	CES AND REPORTS OF	WELLS		SF-078281	
		7 Vi -		6. If Indian, Allottee or Tribe Name	
abalidolied well.	JSB FOITH 3160-3 (APD) for such	proposals.			
		MAR 2001	[2]	7. If Unit or CA/Agreement, Name an	d/or No
SUBMIT IN TRIPLIC	ATE - Other instructions on	reverECEIVED	三二	g	
	lo c		55	San Juan 29-5 Unit	
Oil Well X Gas Well Other	P	DIST. 3	5	8. Well Name and No.	
2. Name of Operator	"	(E)	<b>&gt;</b>	SJ 29-5 Unit #68M	
	<u>T</u>	100000		9. API Well No.	
			rea code)	30-039-26577	
		303-333-3434		10. Field and Pool, or Exploratory Ar	ca
	aure, beautifully			Basin DK & Blanco MV	
Section 18, T29N, R5W				11. County or Parish, State	
				Rio Arriba, NM	
SURDITY NOTICES AND REPORTS ON WILLS TO Academic and the series of proposed to did not be residually and the series of proposed to did not be residually and the series of					
TYPE OF SUBMISSION		TYF	PE OF ACTION		
Notice of Intent	Acidize	Deepen	Production	(Start/Resume) Water Shut-Off	
	Alter Casing				
X Subsequent Report		H	Ħ		
		F		·	
Final Abandonment Notice	Casing Repair New Construction Recomplete X Other  Change Plans Plug and Abandon Temporarily Abandon NTL-FRA-90-1				
	Convert to Injection	Plug Back	Water Disg	oosal	
Description of cement job to fulfi including the Ojo Alamo Formati  Date: 2/11/01 Time Started: Hole: 8-3/4" Casing Size: Turbo Centralizers at 2779', 28 Spring Type Centralizers at 2779', 28 Spring Type Centralizers 310 Mud Flush 10 bbls, Spacer 10 Stage 1: Lead Slurry: 500 sx (119 6% Bentonite, 1/4#/sx Cello-flake, Tail Slurry: 50 sx (70 cf) Type 3 Stage 2: Volume Cement Circulated 20	Il requirements for protection, as per NTL-FRA-90-1  163 Ohrs Time C 7", 20#, J-55 New; 123', 2867' 2', 3398', 3486' 35  bbls and 10 bbls dye water 0 cf) Type III. 35/65 POZ 3% KCL, 0.4% FL-25, 0. 1% CaC11, ¼#/sx Cellobbls/sacks Displaced	after all requirements, including the street of the street	ones  S	, have been completed, and the opera 2001 FEB 22 AM 8:	d once
14. Thereby carries that the forces	at the state of th	1 mai			
			Regulatory	/Proration Clerk	
Jatse, Clast	<b></b>				
	THIS SPACE FOR FEDE	RAL OR STATE OF	FICE USE	ACCEPTED FOR RECORD	
Approved by		Title		MAR 0 5 7001	
Conditions of approval, if any, are attached. Appr certify that the applicant holds legal or equitable t which would entitle the applicant to conduct operations	itle to those rights in the subje-			FARMINGTON FIELD OFFICE	

of the United

Form 3160-5 (August 1999)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUILDEAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

BUDEAUOELA	AND MANAGEMENT			es: November 30, 2000
BUREAU OF LA	IND MANAGEMENT		5. Lease Se	
	AND REPORTS ON WE	LLS	SF-07828	1
	or proposals to drill or to re-epter form 3160-3 (APD) for sugar propos	\$ 5 6 7 8 5 S	6. If Indian	, Allottee or Tribe Name
	Other instructions on reve	UNia2001	30 FT 27. Q Q <sub>nit or</sub>	CA/Agreement, Name and/or No
1. Type of Well  Oil Well  X Gas Well Other	01. 12.82.12	CEVED S	San Juan 8. Well Nar	29-5 Unit me and No.
2. Name of Operator Phillips Petroleum Company			S.J. 29-5 9. API Wel	Unit #68M
3a. Address 5525 Highway 64, NBU 3004, Farmingt	ton, NM 87401 505	ene Mp. Gastade area 599-3454	10. Field ar	6577 nd Pool, or Exploratory Area
<ol> <li>Location of Well (Footage, Sec., T., R., M., or Surve Unit I, 1971' FSL &amp; 827' FEL Section 18, T29N, R5W</li> </ol>	ry Description)		Basin Da	kota or Parish, State
			Rio Arri	ba, NM
12. CHECK APPROPRI	IATE BOX(ES) TO INDICATE	E NATURE OF NOTI	CE, REPORT, OR OTHER	DATA
TYPE OF SUBMISSION		TYPE	OF ACTION	. ,
Notice of Intent	Acidize	Deepen Fracture Treat	Production (Start/Resume	) Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete	X Other
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	<u>Dakota completion</u> <u>details</u>
3. Describe Proposed or Coommpleted Operation (clear If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. If testing has been completed. Final Abandonment N determined that the final site is ready for final inspection	plete horizontally, give subsurface rformed or provide the Bond No. the operation results in a multipl lotices shall be filed only after a	on file with BLM/BI/ e completion or recom	l and true vertical depths of A. Required subsequent repor- pletion in a new interval, a	all pertinent markers and zone rts shall be filed within 30 day Form 3160-4 shall be filed one
5/15/01 MIRU Key Energy #29. No Drilled out cement & then DV tool PBTD. Circ. hole. Ran GSL then psi - 15 mintues and 3000 psi for Dakota @ 1 spf .34" holes as foll	l @ 5296'. Tagged up GR/CCL/CBL. TOC @ 330 r 12 mintues. Good te	@ 7947'. Dril 00'. RIH w/pac	led cement & drill cker & set @ 60'.	collar to 8034' PT casing to 500
8038', 8035', 8020', 8017', 8 7974', 7969', 7951', 7903', 7	8013', 8009', 7986', 7898', 7893', 7888',			;
Acidized perfs w/1500 gal 15 % H0 -35) X-link gel foam w/4,500# 100 Flowed back on 1/4". Well died. continued flow back on 1/2" choke nipple set @ 7962'. ND BOP, NU W Turned well over to production to	O mesh & 100,200# 20/4 RD flowback equipmer e. C/O fill to PBTD. WH. Pumped off expend	40 Tempered "LC nt. RIH w/2-3/ PU & landed 2 dable check. F	C" sand with a tota /8" tubing and clea 2-3/8", 4.7# tubing	nl of 776 mscf N2. nned out bridge and g @ 7995' with "F"
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Patsy Clugston		Regulatory/Proratio	n Clerk
Talsy (lux)		ate 5/25.		
THIS	S SPACE FOR FEDERAL	OR STATE OFFI	CE USE	
Approved by		Title	أأسؤ إالحوس	Date FOR RECOR
Conditions of approval, if any, are attached. Approval certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations thereon	those rights in the subject lease	Office		A AACT
Title 18 II S.C. Section 1001, and Title 43 II S.C. Section	on 1212 makes it a prima for an	v moreon knowingly on	Lucille lle en make en Lille	Alutan Children of the Hai

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department of been of the Unite States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Key Energy Services, Inc.

Four Corneys Division 5651 US Highway 64 P.O. Box/900 Farmington, NM 87499

Phone: 505-327-4935 Fax: 505-327-4962

30-039-26577

February 24, 2001

Rig No. 47

Phillips Petroleum Company 5525 Hwy 64 NBU 3004 Farmington, NM 87401

Attn: Patsy Clugston



This letter is to certify that Key Energy Services, Inc., did run deviation surveys at the listed depths on the San Juan 29-5 68M well in S18-T29N-R05W, in Rio Arriba, county, New Mexico.

Depth	Deviation	Depth	Deviation
153'	3/4°	4308'	1°
335'	3/4°	4837'	½°
679'	3/4°	5329'	³/₄°
1172'	1°	5829'	1°
1698'	1⁄2°	6324'	1¼°
2193'	1/4°	6946'	1⁄4°
2693'	½°	7475'	3/4°
3195'	3/4°	8010'	2°
3692'	1/2°		

To the best of my knowledge, I swear this information to be true.

Sincerely,

J.D. Griffith

Drilling contract manager

Notary Public

My commission expires:

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

	WE'_	L COM	PLETION O	R RECOMP	LETION RE	PORT	F AND LO	G			Serial No. 78281		
la. Type	of Well [	Oil We	eli 🛚 Gas W	/ell Dry	Other					6. If India	ın, Allotee	or Tribe Name	;
b. <b>Т</b> уре	of Completion	-	New Well	Work Ove	r Deepen		Plug Back	( D	riff.Resvr,.			ement Name an	d No.
	of Operator				-				· · · · · · · · · · · · · · · · · · ·		Name and		
Phillip 3. Addres	<u>os Petrole</u>	um Com	pany			120	Phone No.	Gn aluda	grag code)		9-5 Uni		
5525 H	ighway 64,	NBU 3	004, Farm	ington, NM	87401	1	1 1 5050			9. API W 30-0	ell No. 39-2657	7	
At surfa			on cueuriy ana L'FSL & 8		wiin Feaeral 1	onung:	<b>T</b>	ی	<b>*</b>	10. Field	and Pool, on Dakota	or Exploratory	
, ii Juliu	on the	1, 19/1	LIJLOC	DZ/ FEL		3	JUN 2	001	<b>A</b>			, or Block and	
At top p	rod. interval re	ported be	low	same as al	oove R	3 F	TECE!			Survey	Section	18, T29N	. R5W
At total	depth	sa	ame as abo		IX.	3 <b>(</b> 3	ALOON.	DAZ	147	12. Count Rio Arr	y or Parish	13. State	,
14. Date S	pudded	15. Da	te T.D. Reacl	ned	16. D	Te Con			<u>~</u>			RKB, RT, GL)	*
2	/7/01		2/16/01			DE A	£237.03.00	Region	Prod.			599 <i>'</i>	,
18. Total	Depth: MD TVD		41'   19.  41'	Plug Back T.I	D.: MD TVD	80	34' 34'		Depth Bridge	Plug Set:	MD TVD	n/a n/a	
21. Type I	Electric & Othe	r Mechan	ical Logs Rur	(Submit copy	of each)			22. Wa	s well cored?	X No	Yes (	Submit analysis)	
GSL & (	GR/CCL/CBL							l	s DST run ectional Surve	y? X	Yes (S	Submit report Yes (Submit	
	and Liner Re		ort all strings	set in well)			·		octional bulve	<del>у.</del>	140 <u>L</u>	1 res (Submit	
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cen		No.of SI		Slurry Vol.	Ceme	nt Top*	Amount Pu	ulled
2-1/4"	9-5/8"	32.3#	l	355'	Depti	n	Type of C 200		(BBL) 50.22		0	10 b	
3-3/4"	7"	20#	0	3798			L-500		211.93				
							T-50		12.46		0	20 b	bls
5-1/4"	4-1/2"	11.6#	0	8041	5295	,	1ststg-	205sx	69.98		- 11		
							2ndstg-	135sx	48.43	33	00'		
24. Tubing	g Record												
Size 2-3/8"	Depth Set ()		acker Depth (M	D) Size	Depth Set	(MD)	Packer De	pth (MD)	Size	Depth	Set (MD)	Packer Depth	(MD)
	ing Intervals		n/a		26. Perfo	ration F	Record				·· ·	7	
	Formation	,	Top	Bottom	<del></del>	rforated			Size	No. Holes	1	Perf. Status	
A) E	Basin Dako	ta				7880' - 8038' .34"		18					
B)												<del>ايل</del>	
C)													
D)												<u> </u>	
27. Acid,	Fracture, Trea	tment, Ce	ment Squeeze	, Etc.								<u> </u>	
	Depth Interval		4500	7 454 4157			Amount and	Type of I	Material			9	
	0' - 8038 0' - 8038			jal 15% HCl		25# V	/ 1 deals as	.1 f	- · · /4 F0/	·# 100		00 000 # 1	20 /40
/00	0 - 8038			gal 60 Qu land 776 m		35# X	- ITHK G	ет тоа	m W/4,500	)# TOO II	esn & 1	.00,200 # 4	20/40
	<del>-</del>		LC affe	and 776 III	ISCT NZ.						•		
28. Product	ion - Interval	4	<u> </u>			-							
Date First Produced	Test Date 5/23/01	Hours Tested	Test Production	Oil Gas BBL MCI	Water BBL 5	Oil Grav	ity	Gas Gravity	Produc	tion Method	£1		
Choke Size	Thg. Press.	Csg. Press.	24 Hr.	Oil Gas BBL MCI	Water BBL	Gas: Ratio		Well Status			flowing		<u>.</u>
1/2"	Flwg. n/a	<del></del>		50	)1   5			<u>'</u>	well SI w	aiting	<u>to firs</u>	<u>t deliver</u>	
Date First	uction-Interva	Hours	Test	Oil Gas	Water	Oil		Gas	Produc	tion Method	<del></del>	<del></del>	
Produced	Date	Tested	Production	BBL MCI	BBL	Grav		Gravity	Frontic		neD!	-OR REC	OH-
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 Hr.	Oil Gas BBL MCI	Water BBL	Gas: Ratio		Well Status			·· : 14 # ~ =	-OR REG 1 4 2001	GI!
		<del></del>		<del></del>		~~D		-			<del>∵UN (</del> )	<u> 4 2001                                   </u>	

Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	<del></del>	
28c. Production	on-Interval E	)	l	L	L	<u> </u>				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
29. Disposit	ion of Gas	(Sold, used f	or fuel, vented	, etc.)	l <u></u>	<u> </u>	<u> </u>			
30 Summer	v of Porou	5 <b>7</b> 0000 (Inc	lude Aquifers)					т —		
Show all i	important a	zones of por	rosity and cor	stants that	eof: Cor time too	ed interval l open, fl	s and all drill-ster owing and shut-i	1	ation (Log) Markers	
Formatio	on	Тор	Bottom		Description	ons, Conte	nts, etc.		Name	Тор
Naciemen	to	1561	<del></del>	<del> </del>						Meas. Depth
Ojo Alam	0	2661	2871	Sand	stone 8	shale				
Kirtland		2871	3186	1		shale		=		
Fruitlan	d	3186	3508			shale 8	k coal			
Pictured	Clf	3508	3673	1	ne Sano					
Lewis Sh	ale	3673	5371			shale				
Cliffhou:	se	5371	5416	1		shale			:	
Menefee		5416	5723	Sand	stone 8	shale				
Pt Looko	3	5723	5859	Sands	stone 8	shale				
Mancos SI		5859	6806	Shale	9					
Gallup S		6806	7711	1		shale				
Greenhori	n Ls	7711	7759	1		shale				
Graneros Dakota	1	7759	7891	i .		shale				
Jakula		7891		Sands	stone &	shale				
Flowir	ng only	the Dak	gging procedur Ota inter Ne MV inte	val no	w. Wi	ll flow	until stabi	ilized and	d then will return	, set CIBP above
	losed attac	hments:		<del></del>						
3. Circle end	loscu aliac		full set req'd)	2.	Geologic	Report	3. DST Report	4. Direction	nal Survey	
1. Electric	al/Mechan		d cement verif	ication	6. Core A	nalysis	7. Other			
1. Electric 5. Sundry	al/Mechan	plugging an	d cement verif			<del></del>		ed from all ava	ailable records (see attached	instructions)*
5. Sundry	al/Mechani Notice for ertify that	plugging an	d cement verif		on is com	<del></del>			ailable records (see attached	

28b. Production - Interval C

#### District I

1625 N. French Dr., Hobbs, NM 88240

District II

Form C-104 Revised March 25, 1999

OIL CONSERVATION DIVISION 811 South First, Artesia, NM 88210 Submit to Appropriate District Office 2040 South Pacheco District III 5 Copies Santa Fe, NM 87505 1000 Rio Brazos Rd., Aztec, NM 87410 District IV ☐ AMENDED REPORT 2040 South Pacheco, Santa Fe, NM 87505 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OGRID Number 1 Operator name and Address Phillips Petroleum Company 017654 5525 Hwy. 64 <sup>3</sup> Reason for Filing Code Farmington, NM 87401 NW 4 API Number 5 Pool Name <sup>6</sup> Pool Code 30-0 39-26577 Basin Dakota 71599 Property Code 8 Property Name Well Number 009256 San Juan 29-5 Unit #68M II. Surface Location UL or lot no. Section Range Lot. Idn Feet from the North/South Line Township East/West line County 1971 South Rio Arriba East **Bottom Hole Location** UL or lot no Section Township Lot. Idn Feet from the North/South Line Feet from the East/West line County 12 Lse Code 13 Producing Method Code 14 Gas Connection Date 15 C-129 Permit Number 16 C-129 Effective Date <sup>17</sup> C-129 Expiration Date F SI III. Oil and Gas Transporters Transporter OGRID 19 Transporter Name and Address 20 POD 21 O/G 22 POD ULSTR Location and Description **28**28868 Giant Refining Co. 009018 0 5764 Hwy. 64 Farmington, NM 87401 Williams **282**8869 025244 1800 S. Baltimore Tulsa, OK 74119 JUN 2001 CHVE OIL OON, DIV DIST. 3 Produced Water <sup>23</sup> POD 24 POD ULSTR Location and Description 2828870 Well Completion Data 25 Spud Date <sup>27</sup> TD 28 PBTD <sup>26</sup> Ready Date 29 Perforations DHC MC 2/7/01 8041 8034' 7880 - 8038 32 Casing & Tubing Size 31 Hole Size 33 Depth Set 34 Sacks Cement 12-1/4" 9-5/8". 32.3# H-40 355' 200 sx 8-3/4" 20#. J-55 37981 L-500 sx: T-50 sx 4.1/2" 6-1/4" 11.6#. J-55 8041' 1st-205 sx: 2nd stq-135 sx 2-3/8". 4.7# 7995 Well Test Data VI. 35 Date New Oil 36 Gas Delivery Date Test Date 38 Test Length 39 Tbg. Pressure 40 Csg. Pressure 5/23/01 <u>1 hr</u> n/a 80 pşi 44 Gas 41 Choke Size 43 Water 45 AOF 46 Test Method 501 mcfd 5 bwpd pitot <sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. **OIL CONSERVATION DIVISION** Approved by: Signature DEPUTY OIL & GAS INSPECTOR, DIST. Printed name: Title: Patsy Clugston Title Approval Date: JUN 11 2001 Regulatory/Proration Clerk Date Phone: 505-599-3454

Printed Name

<sup>48</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

State of New Mexico

Energy, Minerals & Natural Resources

Date

Title

### State of New Mexico Energy, Minerals & Natural Resources District I 1625 N. French Dr., Hobbs, NM 88240 District II

811 South First, Artesia, NM 88210

Form C-104 Revised March 25, 1999

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

2040 South Pacheco Santa Fe, NM 87505

District III	-					th Pachec NM 8750				5 Copies				
1000 Rio Brazos R District IV	id., Aztec, I	VM 87410		Sama	rt,	NIVI 6/30	15			П	AMEN	IDED REPORT		
2040 South Pachec								·		_		IDED REI ORI		
I.	REC		<u> </u>		<u> </u>	ND AUT	HOR	<u>IZATIC</u>	ON TO TRA	NSPO OGRID N				
Phillips Po	etroleu		perator name an	d Address					_					
5525 Hwy.		II Company							<sup>3</sup> Res	017654  Reason for Filing Code				
Farmington	, NM 8									RC	2			
4 A	API Number	•				5 Pool Nar	ne					Pool Code		
30-0	39-265 perty Code					lanco Mes				72319 9 Well Number				
			8 Property N		-									
11 10 6	<u> </u>	<u>Sar</u>	n Juan 29	·5 Un1	<u>t</u>	#	68M							
UL or lot no.	Surface Section	E Location Township		Lot. Idn	from the	Feet from the	TEast/W	Vest line	County					
ī	18	29N	5W		l	1971'		outh Line	827'		ast	Rio Arriba		
11		n Hole L		<del></del>		±31±		<u>/u u</u>	UL.	<u> </u>	<u> </u>	NIV ALLINA		
UL or lot no.	Section	Township		Lot. Idn	Feet	from the	North/S	South Line	Feet from the	East/W	Vest line	County		
<u> </u>	<u></u>				<u>L</u>				16		ليب			
12 Lse Code	13 Produc	cing Method C	Code 14 Gas (	Connection Date	12	<sup>5</sup> C-129 Perm	it Numbe	er l	<sup>6</sup> C-129 Effective I	Date	17 C-1	129 Expiration Date		
F Cilond	1 Can T	F Tennomont		SI	Щ	-				<del></del>	<u> </u>			
III. Oil and	Gas 1		ransporter Nam	<u></u>	$\overline{}$	20 POD		21 O/G	22 POI	OUISTI	R Locatio	on .		
OGRID			and Address							22 POD ULSTR Location and Description				
009018		ant Refin	-	_		282886	58	0						
		64 Hwy. 64 rminaton	4 NM 87401											
025244		lliams	NIT O/TOI			20200	<b></b>		5672					
025244	1	00 S. Bal	timore			282886	)9	G	NOV 2001					
	Tu	lsa, OK	74119							<del>▼</del> <del>V 200</del> :				
									E CONTRACTOR		CEIVE	$\sim$		
									だ 段	വഥ	JAN DI	.v 🗐		
									E.S.	Di	ST. 3	.67		
									E.E.	1/2/n-	-71			
IV. Produc	ed Wa	ter							The state of the s	6555	515 W.	Clar		
<sup>23</sup> POD					2	24 POD ULST	rR Locati	ion and Des						
28288	370													
V. Well Co		on Data												
<sup>25</sup> Spud Dat	te	<sup>26</sup> Re	eady Date	27 Т	ſD		28 PB	3TD	<sup>29</sup> Perforat	tions	30	DHC, MC		
2/7/0		1	1/1/01	80		CIBP (	5334'-5			vill be DHC				
31 Ho	ole Size		32 Casin	ng & Tubing Size			D	Depth Set		34	<sup>4</sup> Sacks C	ement		
12	2-1/4"		9-5/8	3 <mark>". 32.3#</mark> Н-	40			355'			200	SX		
8	-3/4"		7"	. 20#. J-55				3798'		550 sx				
6	-1/4"		4-1/2	". 11.6#. J	-55		{	8041'	340 sx			SX		
				none yet	AE	XPIRE	1-	6-0	2					
VI. Well To			7.				<u> </u>				10			
35 Date New (	J11	<sup>36</sup> Gas Deliv	ery Date	37 Test Date	3	30 1	est Lengt	th	39 Tbg. Pressure	<sup>39</sup> Tbg. Pressure <sup>40</sup> Csg. P				
41 01 1- 0:-		\$I		11/1/01		<del></del>	1 hr					flowing 150		
41 Choke Size	;	<sup>42</sup> Oi	1	43 Water		<sup>44</sup> Gas			45 AOF 46 Test Method					
1/2"	41 =4 eho m	* -6sb- Oil	2	24 bwpc	7.2	1033 mcfd			pitot					
47 I hereby certify complied with and best of my knowle	that the in	formation give				OIL CONSERVATION DIVISION								
Signature:	get and u	liei.	Place			Approved by	: <b>O</b> f	MENNAL 8	HONED BY OHA	和原丁	REPROV	<b>L</b> I		
Printed name:	un	Ty	my,	/		Title:		0.1	sas inspector	\$150	T SK W WI	N		
	tsy Clu	gston			$\blacksquare$			IA OUT # 1	IAS IRBI BANA	1,"		<del></del>		
Title: Sr. Regul	latory/	Proration	Clerk			Approval Da	te:	A1/	ΔV = α <b>20</b> (	nai				
Date:	2/01			5-599-3454		NUV - 6 2001								
48 If this is a cha		rator fill in th			he pre	vious operato	<del></del> г							
l														
<b> </b>	Dra	evious Operato	Ci-matura	<del></del>		Daine	ed Name			Triat.		~ .		
4	ric	vious operau	or orgnamic			Prinv	o Name			Title	ż	Date		

Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

WELL	COMPLETION	OP RECOMPL	<b>FTION REPORT AND</b>	100
VVELL	CUMPLETION	UK KEGUMPI	PIION KEPORI AND	1 1 1 1 ( 4

	AAELL (	COMPL	-EHON C	K KEU	OMPL	EHON	KEPUR	(	AND L	.UG			ease Serial IMSF0782		
la. Type of	_	Oil Well		_	] Dry	Othe			***			6. If	Indian, All	ottee o	or Tribe Name
b. Type o	f Completion	Oth	New Well er	□ Work	Over	☐ Deep	en 🔲 P —	Plug Back		ick Diff. Resvr.		7. Unit or CA Agreement Name and No. NMNM78415A			
2. Name of Operator PHILLIPS PETROLEUM COMPANY  Contact: PATSY CLUGSTON E-Mail: plclugs@pp.sccomp23 29 20										8. L	8. Lease Name and Well No. SAN JUAN 29-5 UNIT 68M				
3. Address 5525 HIGHWAY 64 NBU 3004  SAPANINGTON NIM 87401  3a. Phone Col Include area code)  9. API Well No.												OINT OOM			
4 Location			IM 87401 tion clearly a	nd in nasas	rdonoo w	ith Eadam	Ph: 505/			-177	7 4	10 1	C'-14 4 D		39-26577-00-C2
At surfa			L 827FEL	nu m accor	dance w	iui reucia	a requirem	enis)	NON	2001 EIVED	(لار) حد		ASIN DA	<del>ATO)</del>	Exploratory
At top prod interval reported below or Area Sec 18 T29N R5W Mer												29N R5W Mer NMP			
At total depth 12. County or Parish RIO ARRIBA NM													13. State NM		
14. Date Spudded 02/07/2001															
18. Total D	epth:	MD TVD	8041 8041	19	9. Plug I	Back T.D.			60	70 70	·	th Bri	dge Plug S		MD 6070 TVD 6070
21. Type E GSL&G	lectric & Otl SR CCL CBI	ner Mecha LWITHO	anical Logs R RIGINAL	Run (Submi	it copy of	f each)				Was	well core DST run?		□ No	Yes   Yes   Yes	s (Submit analysis) s (Submit analysis)
23. Casing ar	nd Liner Rec	ord (Rene	ort all strings	set in wel	7)					Dire	ctional Su	rvey?	□ No	<b>⊠</b> Yes	s (Submit analysis)
Hole Size	Size/G		Wt. (#/ft.)	Тор	Bot		age Cemen	iter		f Sks. &	Slurry	Vol.	Cement '	Ton*	Amount Pulled
				(MD)		(D)	Depth	+	Type o	of Cement	(BB	L)	Cement		_
12.250 12.250		25 H-40 75 H-40	32.3 32.0	<u> </u>	0	355 355		$\dashv$		20		50		<u>0</u> 0	<del></del>
8.750			· ·		0	3798				55		224		0	
8.750	7.0	000 K-55	20.0		0	3798								0	
6.250		00 N-80			٥	8041		4			ļ			0	
6.250 24. Tubing		500 I-80	12.0		0	8041	529	95	5 340			118 3300			0
	Depth Set (N	(D) P	acker Depth	(MD)	Size	Depth S	et (MD)	Pac	cker De	pth (MD)	Size	De	pth Set (M	D)	Packer Depth (MD)
0.000															
25. Producis	<u> </u>		<u> </u>			26. Pe	rforation R						No. Holes		
	mation MESAVE	EDDE	Тор	5334	Bottom 5862		Perforated I			5334 TO 5862		Size N 0.340		ODE	Perf. Status
A) B)	IVIESAVE	RUE		5554	200.	+			<u> </u>	<u>U 5062</u>	862 0.340 20 OPEN			N	
C)															
D)						1									
			ment Squeez	e, Etc.											
	Depth Interv		862 1) 36 BB	01 C 150/ LI	~ı			Ame	ount and	Type of	Material				
<del></del>			862 2) 152,0			FOAM W	//150.240 #	20/4	0 S			-			
							,						*****		
20 P 1 1															
	ion - Interval	Hours	Test	Oil	Īc	Inv	lo:	10		- 10		75 1 12			
Date First Produced 11/02/2001	Date 11/01/2001	Tested	Production	BBL 0.0	Gas MCF	Wate BBL	Co	l Grav orr. AP		Gas Gravi	y	Producti	ion Method	VC CD	NA 14/F1 4
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	43.0 Gas	Wate	1.0 Ga	s:Oil		Well	Status		FLOV	VS FRO	OM WELL
Size .5	Flwg. SI	Press. 150.0	Rate	BBL	MCF 103	BBL	24 Ra	itio			GSI				
	tion - Interva			L	1		-· I				<del></del>				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Wate BBL		l Grav orr. AP		Gas Gravi	y	Producti	ion Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wate BBL	г Ga Ra	ns:Oil ntio		Well	Status		·-·		
<u></u>	SI	<u> </u>			1										11
(See Instruction ELECTRON	NIC SUBMI:	SSĬON #8		IED BY T	HE BLN	4 WELL REVIS	INFORM ED ** RI	ATI EVI	ON SYS	STEM * REVIS	SED **	REVI	SED **	// REVI	SED **

**NMOCD** 

28b. Produ	iction - Interv	al C												
Date First Produced	Test Date	Hours Tested	Test Production	Oil Gas BBL MCF		Water BBL	Oil Gravity Corr. API	Gas Grav	vity	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wel	II Status					
28c. Produ	ction - Interv	al D	···	<u> </u>	<del></del>					-				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	vity	Production Method y				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wel	li Status	Status				
29. Dispos	ition of Gas(S	old, used	for fuel, ven	ted, etc.)	1		•	,		· · · · · · · · · · · · · · · · · · ·				
	ary of Porous	Zones (In	clude Aquife	ers):					31. For	mation (Log) Markers				
tests, ir	all important a neluding dept coveries.	zones of p	orosity and o tested, cushi	contents ther on used, tim	reof: Cored in tool open	intervals and , flowing an	d all drill-stem d shut-in pressu	res						
	Formation		Тор	Bottom		Description	ns, Contents, et	c.		Name	Top Meas. Depth			
THE F PLAN: RETU THIS!	onal remarks PRODUCTIC S ARE TO F RNING AND	ON TEST LOW TE RUNNIN	WAS A FLO ST THIS W NG THE TU ONCE THE	OWING PIT ELL FLOW BING. E MV PRES	ING UP TH	HE CASINO	L HAS NOT B	O 60 DA` TURN, D	OJI KIF FR ME CLI ME PO MA GA GR DA	RE	1561 2661 2871 3186 3508 3673 5371 5416 5723 5859 6806 7711 7891			
COMI	MINGLE AFA	AIER IH	E DHC API	LICATION	HAS BEE	N 20BMII	TED AND APF	ROVED						
	enclosed atta		/1 ( 1)			2 0 1 1	Dana =	,	) DOTE	mont 4 751 d	ional Cumus-			
	ctrical/Mecha ndry Notice fo	_	-	•		<ol> <li>Geologie</li> <li>Core An</li> </ol>	•		3. DST Re 7 Other:	port 4. Directi	ional Survey			
34. I hereb	y certify that	the forego								ole records (see attached instru	uctions):			
				For PHILL	IPS PETR	OLEUM C	by the BLM W OMPANY, sen Lucy Bee on 1	it to the F	armingtor	1				
Name	(please print)	PATSY	CLUGSTON	ł <u> </u>	<del></del>		Title /	AUTHOR	IZED REF	PRESENTATIVE				
Signat	ure	(Electron	nic Submiss	ion)			Date _	11/02/200	01		n 11			
								· · · · · · · · · · · · · · · · · · ·						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

#### Revisions to Operator-Submitted EC Data for Well Completion #8474

**Operator Submitted BLM Revised (AFMSS)** 

Lease: NMSF078281 NMSF078281 Agreement: NMNM78415A NMNM78415A

PHILLIPS PETROLEUM COMPANY 5525 HWY. 64 FARMINGTON, NM 87401 Ph: 505.599.3454 PHILLIPS PETROLEUM COMPANY 5525 HIGHWAY 64 NBU 3004 FARMINGTON,, NM 87401 Ph: 505.599.3454 Operator:

Admin Contact: PATSY CLUGSTON

PATSY CLUGSTON AUTHORIZED REPRESENTATIVE **AUTHORIZED REPRESENTATIVE** 

E-Mail: plclugs@ppco.com E-Mail: plclugs@ppco.com

Ph: 505.599.3454 Ph: 505.599.3454 Fx: 505-599-3442 Fx: 505-599-3442

Tech Contact:

Well Name: SAN JUAN 29-5 UNIT SAN JUAN 29-5 UNIT

Number:

Location:

State:

RIO ARRIBA Sec 18 T29N R5W Mer NMP NESE 1971FSL 827FEL RIO ARRIBA Sec 18 T29N R5W Mer NMP NESE 1971FSL 827FEL County: S/T/R: Surf Loc:

Field/Pool: **BLANCO MESAVERDE BASIN DAKOTA** 

Logs Run: GSL & GR/CCL/CBL WITH ORIGINAL DK COMPLETIONSL&GR CCL CBLWITHORIGINAL

Producing Intervals - Formations:

**MESAVERDE MESAVERDE** 

SAN JOSE NACIMIENTO Porous Zones:

OJO ALAMO

**NACIMENTO** Markers: **NACIMIENTO** 

OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS SHALE CLIFFHOUSE **MESAVERDE CLIFF HOUSE** MENEFEE PT LOOKOUT MENEFEE POINT LOOKOUT MANCOS SHALE MANCOS **GALLUP GALLUP GREENHORN GREENHORN GRANERSO** DAKOTA

DAKOTA