API NO. 15- 109-206360000

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	County Logan
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	S/2SWSWsec29Twp11SRge33E_X_w
Operator: License #	330 Feet from (S/N (circle one) Line of Section
Name: LANDMARK ENERGY EXPL., INC/Vess	660 Feet from E(W)(circle one) Line of Section
Address 1861 N. Rock Rd. Suite 205	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
City/State/Zip Wichita, Kansas 67206	Lease Name HUBERT Well # 1-29
Purchaser: na	Field Name unnamed
Operator Contact Person: Jeff Wood CONCINENT	Producing Formation <u>na</u>
Phone (316) 683-8080	Exercision: Ground 3132 KB 3137
Contractor: Name: L. D. Drilling, Inc.	Total Depth 4741' PBTD
License: 6039	Amount of Surface Pipe Set and Cemented at 375 Feet
Wellsite Geologist: Kim Shoemaker	Multiple Stage Cementing Collar Used? Yes No
Designate Type of Completion	If yes, show depth set Feet
New Well Re-Entry Workover	If Alternate II completion, cement circulated from
OilSMDSIOWTemp. Abd.	feet depth to sx cmt.
X Dry Other (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan DAA 7-23-98 U.C. (Data must be collected from the Reserve Pit)
If Workover/Reentry: Old Well Info as follows:	Reserve Pity
Operator:	Chloride contentppm Fluid volumebbls
	<del></del>
Well Name:	Dewatering method used
Well Name: Old Total Depth	Dewatering method used
Comp. Date Old Total Depth  Deepening Re-perf. Conv. to Ini/SWD	Location of fluid disposal if hauled offsite:
Comp. DateOld Total Depth  DeepeningRe-perfConv. to Inj/SWD Plug BackPBTD  Commingled Docket No.	Location of fluid disposal if hauled offsite:  Operator Name  CONTROL
Comp. Date Old Total Depth  Deepening Re-perf. Conv. to Ini/SWD	Operator Name    Compared to the content of the con
Comp. DateOld Total Depth DeepeningRe-perfConv. to Inj/SWD Plug BackPBTD Commingled	Continuo of fluid disposal if hauled offsite:  Operator Name  Lease Name SSD 1 6 1998 License No
Comp. DateOld Total Depth  DeepeningRe-perfConv. to Inj/SWD Plug BackPBTD  Commingled Docket No Dual Completion Docket No Other (SWD or Inj?) Docket No	Operator Name    Compared to the content of the con
Comp. Date Old Total Depth  Deepening Re-perf. Conv. to Inj/SWD PRID  Plug Back PRID  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Inj?) Docket No.  12-12-96 12-22-96 12-22-96  Spud Date Date Reached TD Completion Date  INSTRUCTIONS: An original and two copies of this form shall Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well recommendations.	Operator Name  Lease Name STO 16 1998 License No.  Quarter Sec. Twp. S Rng. E/W  County CONTINUE No.
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Inj?) Docket No.  12-12-96 12-22-96 12-22-96  Spud Date Date Reached TD Completion Date  INSTRUCTIONS: An original and two copies of this form shall Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well remoted at the submitted with the months). Submit CP-4 form with all plugged well	Operator Name  Lease Name  Quarter Sec. Twp. S Rng. E/W  County  County  Docket No.
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBID  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Inj?) Docket No.  12-12-96 12-22-96 12-22-96  Spud Date Date Reached TD Completion Date  INSTRUCTIONS: An original and two copies of this form shall Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well remonths. Submit CP-4 form with all plugged well All requirements of the statutes, rules and regulations promutage.	Operator Name  Lease Name  Quarter Sec.  Twp.  SRng.  E/W  County  Docket No.  Docket No.  be filed with the Kansas Corporation Commission, 130 S. Market spud date, recompletion, workover or conversion of a well. side two of this form will be held confidential for a period of form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS Is. Submit CP-111 form with all temporarily abandoned wells.  ted to regulate the oil and gas industry have been fully complied to best of my knowledge.
Comp. Date Old Total Depth  Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD  Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.  12-12-96 12-22-96 12-22-96 Spud Date Date Reached TD Completion Date  INSTRUCTIONS: An original and two copies of this form shall Room 2078, Wichita, Kansas 67202, Within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well must be ATTACHED. Submit CP-4 form with all plugged well requirements of the statutes, rules and regulations promutga with and the statements herein are complete and correct to the	Operator Name  Lease Name  Quarter Sec. Twp. S Rng. E/W  County  Docket No.  D
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		· •		SIDE TWO					•
Operator Name Landm	ark Energy	Expl., I	nc./	Lease Name	Hubert	<u> </u>	Well #	1-	29
20 11	2.2	∟ East	il Corp.	County	Logan				
Sec. 29 Twp. 11	Rge. <u>33</u>	₩ <sub>est</sub>							
INSTRUCTIONS: Show interval tested, tim hydrostatic pressures, if more space is need	e tool open a bottom hole te	ind closed, f emperature, fl	lowing and	shut-in pres	sures, wheth	her shut-in pre	ssure rea	ched sta	tic level,
Drill Stem Tests Take (Attach Additional		X Yes	] №	X Log	Formation	n (Top), Depth	and Datums		Sample
Samples Sent to Geolo	gical. Survey	X Yes	] <sub>No</sub>	Name		Тор		Datum	
Cores Taken	·	☐ <sub>Yes</sub> 돈	] No						
Electric Log Run (Submit Copy.)		X Yes	] <sub>NO</sub>	See att	ached.				
List All E.Logs Run:									
DIL/CDL/CN						٠			٠
	Report al			New X Us		production, etc	F.		
Purpose of String	Size Hole Drilled	Size Cas Set (In	- 1	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	1 ''	d Percent tives
surface	12 1/4"	8 5,	/8"	23#	375'	60/40 Poz	225	2% Ge	1, 3% c
	<u> </u>								
	ADDITIONAL C	EMENT ING/SQUE	EZE RECORD						
Purpose:	Depth Top Bottom	Type of Ce	ment #S	Sacks Used		Type and Percent	t Additive	s	
Protect Casing								<u>.</u>	
Plug Off Zone									,,, J
Shots Per Foot	PERFORATION Specify Footag	RECORD - Br je of Each In				Fracture, Shot, d Kind of Materi			cord Depth
							· .		
	· · · · · · · · · · · · · · · · · · ·	-/							
TUBING RECORD	Size	Set At	Pa	acker At	Liner Run	☐ Yes ☐	No		
Date of First, Resum	ed Production,	SWD or Inj.	Producing	Hethod ☐ FL	owing Deum	nping 🗆 Gas Li	ift 🗆 ot	her (Exp	lain)

	<i>,</i> ,					
Estimated Production Per 24 Hours	oil N-1	ols. Gas	Mcf Water	8bls.	Gas-Oil Ratio	Gravity
Disposition of Gas:	METHOD OF COM	PLETION		Produc	tion Interval	
Vented Sold Sold (If vented, submit A			Hole Perf. [	Dually Com	mp. Commingled	

## Attachment to ACO-1 Page 2

Operator:

Landmark Energy Exploration, Inc./Vess Oil Corp.

Lease Name:

Hubert

Well Number:

#1-29

Location:

S/2 SW SW Sec. 29-11S-33W

Logan County, Kansas

API No.:

15-109-206360000

Was wide

SEP 1 6 1998

FROM COMPIDEM IN

DST #1 - 4028-4075'. 30-30-30-30. 1st open built to 2". 2nd open built to 1/2". IFP: 67-51; ISIP: 1202; FFP: 78-56; FSIP: 1195. Rec. 45' very sli ocm (1% oil).

DST #2 - 4236-4266'. 30-45-45-60. 1st open 2" blow in 10 min. sli building. Built to 3 1/4" blow 30 min. 2nd open 1/2" blow decreased to surface blow. IFP: 56-34; ISIP: 944; FFP: 67-56; FSIP: 875. Rec. 77' mud w/ oil spks. Temp. 116.

DST #3 - 4262-4292'. 30-30-30-30. 2nd open surface blow throughout. IFP: 45-38; ISIP: 321; FFP: 47-38; FSIP: 89. Temp.: 114. Rec. 30' gip, 3' co, 12' ocm.

DST #4 - 4286-4310' (200' Zone - "K"). 30-45-45-60. 1st open blow built to 2". 2nd open surface blow throughout. IFP: 45-22; ISIP: 1287; FFP: 45-22; FSIP: 1254; Temp.: 116. Rec. 15' mud w/ few oil spks.

			,
Log Tops			
Anhydrite	2604	+533	74A
Base Anhydrite	2629	+508	-1361
Heebner Shale	4025	-888	$co_{b_{i}}$
Lansing Lms.	4066	-929	UUI
70' Zone	4145	-1008	
Muncie Shale	4207	-1070	
140' Zone	4224	-1087	
160' Zone	4253	-1116	
180' Zone	4280	-1143	
Stark	4291	-1154	
200' Zone	4302	-1165	
Hush P	4328	-1191	
220' Zone	4336	-1199	
Marmaton	4388	-1251	
Pawnee	4484	-1347	
Fort Scott	4544	-1407	
Cherokee Sh	4571	-1434	
Johnson	4618	-1481	
Mississippi	4710	-1473	
LTD	4746		

CONTROLATION

## ALLIED CEMENTING CO., INC. 510

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

ORIGINAL

CARLEY

	•							
12-12-96 DATE	SEC 29	rwp. // <i>S</i>	RANGE		CALLED OUT	ON LOCATION	JOB START	JOB FINISH
HUBERT	WELL# /				18N4 35- EI		COUNTY ,	STATE
OLD OR NEW	·····		LOCKTO	1777672 477	00015155	15101	LOGAIN	1
	• • •		·		CUNFIDEN	VIIAL		
CONTRACTOR		RL6.			OWNER	SAME	<u> </u>	
TYPE OF JOB	SURFAC		40 **	1/ /			CEMENT	
HOLE SIZE CASING SIZE	1214"	T.D.	<u>・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・</u>	4 30		20		::0 - :0
TUBING SIZE	8-78	<u>DEP</u> Dep		4	AMOUNT OR	EDERED 225	5K5 60/40 p	<u>23XCC 466</u> 8
DRILL PIPE		DEP		<u> </u>	<del></del>		<del></del>	<del></del>
TOOL		DEF						
PRES. MAX			IMUM		. COMMON_	135 sks	@ 7 <u>20</u>	972 🗠
MEAS. LINE		SHC	E JOINT		POZMIX	90 5K3	@ 3 <u>25</u>	28320
CEMENT LEFT	IN CSG.	15'			GEL	4 5Ks	@ 9.50	388
PERFS.	<del>_</del> .			(a) (= 10 / 10 / 10 / 10 / 10 / 10 / 10 / 10	CHLORIDE_	7 5K3	@ <u>28.00</u>	19600
				<b>SELEVE</b>		114.		
	EQUI	PMENT		ean 4.7	1008		@	
				SEP 16	1770	<u> </u>	@	
PUMP TRUCK	CEMENTER	TEN	PY		N. 581 . :	COhene		
# 102	HELPER	WA	27TKO	1VI CU1/VI	.DENTIN	00 = 414	_ @ <del>``</del>	25
BULK TRUCK					HANDLING_ MILEAGE	225 SKS	_@_ <u> 05</u> _	99 00
# 2/2	DRIVER	WAY	NE		MILEAGE	44 px 4	c/milo	47 =
BULK TRUCK								1 0 0 1 75
#	DRIVER						TOTAL	1,824 75
	REMA	ARKS:				SERV	ICE	
DISP/ACE	nsint 23	88.	2					
					DEPTH OF JO	OB .374	<del></del>	<del></del>
		- <del>2. 4</del>			PUMP TRUCE	K CHARGE		445 SE
CEMENT D	TO CIKY				EXTRA FOOT	TAGE 74'	@ 41¢	30 34
				<del></del>	MILEAGE	11 miles	@ 285	3135
					PLUG 858	SURFACE	@	45 00
<del></del> -		1111	1// 1/	<u> </u>		<del></del>	@	
· ·	·		NK Yo	4	<del></del> -	·	@	·
								. 40
CIVAD CD TO /		•	. 1.				TOTAL	<u>55169</u>
CHARGE TO:					RP			
STREET18	361 N.	Rod	× 67	#20 <u>5</u>		FLOAT EQU	HPMENT	_
CITY Wish	A. CTAT	V)			2/1		3	55
CITT WY YEAR	<u>w</u> 31A1	Elmo	as ZII	67206-	269	<u> </u>		· .
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				•		, <u>, , , , , , , , , , , , , , , , , , </u>		<del>, ( )</del>
					*		@ <u></u>	
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							TOTAL	
							IOIAE	
To Allied Ceme	nting Co. Inc				TAX	<u>-</u>	<del></del>	
			antina aa	uinmant	TOTAL CHAR	RGE		
TOU OIL HEILING	requested to r	'ሮበ፤ ሶሶሙ			OIN N			<del></del>
and furnish cem	requested to r tenter and heli	ent cem	eist owns	er or				
and furnish cem	enter and help	per to as	sist owne	r or	DISCOUNT _	-1	IF PAII	O IN 30 DAYS
and furnish cem contractor to do	enter and help work as is lis	per to as ted. The	sist owne e above w	r or vork was	DISCOUNT _		—— IF PAII	O IN 30 DAYS
and furnish cem contractor to do done to satisfact	enter and help work as is listion and super	per to as sted. The rvision o	sist owne e above w f owner a	r or vork was agent or	DISCOUNT _	100	IF PAII	O IN 30 DAYS
and furnish cem contractor to do	enter and help work as is listion and super we read & und	per to as sted. The rvision of derstand	sist owne e above w f owner a the "TER	r or vork was agent or	DISCOUNT _	144	——— IF PAII	O IN 30 DAYS

## ALLIED CEMENTING CO., INC. 5266

	ORIGIA. A. SER	VICE POINT:Oalloy
DATE 12-21-96 SEC. TWP. RANGE, 33	CALLED OUT ON LOCATION	JOB START JOB FINISH
11 +-1 1	invagent 35-55	COUNTY STATE
OLD OR NEW (Circle one)		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
CONTRACTOR L.D. Dels Co. #  TYPE OF JOB PTA	OWNER	Same
HOLE SIZE 7% T.D. 474/	<del>-</del>	CEMENT
CASING SIZE DEPTH	AMOUNT ORDERED 190	er- 69/1-
TUBING SIZE DEPTH		Sec 1
DRILL PIPE XH DEPTH 2620'		
TOOL DEPTH		
PRES. MAX MINIMUM	COMMON	_@_ <u>720</u> 820 80
MEAS. LINE SHOE JOINT	POZMIX 76 SKS	_@_ <u>35</u> 23940
CEMENT LEFT IN CSG.	_ GEL _ lo sks	_@ <u>950</u> 95 <u>@</u>
PERFS.	CHLORIDE	
	Flu-Sect 48th	@ <u>/!\$</u> 55 20
EQUIPMENT		_@
		_@
PUMPTRUCK CEMENTER L/c H		
# /9/ HELPER / lavere		_@
BULK TRUCK	– HANDLING 190 sts	_@ <u>105 19950</u>
# 219 DRIVER DOCUMENT	MILEAGE 44 pr sk/	mila 83 60
BULK TRUCK		
# DRIVER	SEP 1 6 1998	TOTAL <u>1,493 <del>50</del></u>
	A CONFIDENTIA SERVI	CE
100 Sts 2 1640'	DEPTH OF JOB	5.506
40 5K5 2 430'	PUMP TRUCK CHARGE EXTRA FOOTAGE	
10 SKS 2 40	MILEAGE _//	_@
15 5KS in R.A.	PLUG 85% D.H	
		TOTAL _60 4 35
STREET 1861 N ROCK RD., Saite # 205	ion, Inc	TOTAL DO 1
STREET 1861 N ROCKRD, Saite # 205	FLOAT EQU	IPMENT
CITY Wichita STATE KAN ZIP 67200	6-1264	
CITT MITERITY STATE TOUR ZIP 6720		
	-	
ı		_@
		TOTAL
	TAX	
To Allied Cementing Co., Inc.		_
You are hereby requested to rent cementing equipment	TOTAL CHARGE	
and furnish cementer and helper to assist owner or	DISCOUNT	TE DAID IN 20 DAVE
contractor to do work as is listed. The above work was		II. LYID IN 20 DA12
done to satisfaction and supervision of owner agent or	_	
contractor. I have read & understand the "TERMS ANI CONDITIONS" listed on the reverse side.	)	